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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1792***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*))	**$269**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**269 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail*@*wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail*@*wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

2. *Registered Mail*™ and *Xpresspost*™ Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail* ™ and *Xpresspost*™ services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail* ™ and *Xpresspost*™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Service *Courrier recommandé* MC et *Xpresspost*MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandé*MC et *Xpresspost*MC de Postes Canada sont des établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandé*MC et *Xpresspost*MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work;
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre;
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationalcale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of February 7, 2017 contains applications open to public inspection from January 22, 2017 to January 28, 2017.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 7 février 2017 contient les demandes disponibles au public pour consultation pour la période du 22 janvier 2017 au 28 janvier 2017.

Canadian Patents Issued

February 7, 2017

Brevets canadiens délivrés

7 février 2017

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[11] **2,482,996**
[13] C
[51] **Int.Cl. A61K 38/19 (2006.01) C12N 5/071 (2010.01) C12N 5/077 (2010.01) C12N 15/113 (2010.01) A61K 31/085 (2006.01) A61K 35/44 (2015.01) A61K 38/18 (2006.01) A61P 9/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SDF-1 PROMOTES CARDIOMYOCYTE PROLIFERATION TO TREAT CARDIOMYOCYTE DEATH-INDUCED DISORDERS**
[54] **PROLIFERATION DE CARDIOMYOCYTES PROMUS SDF-1 POUR LE TRAITEMENT DE TROUBLES CARDIOMYOCYTES INDUITS PAR LA MORT**
[72] ITESCU, SILVIU, US
[73] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2004-10-19
[86] 2003-04-23 (PCT/US2003/012768)
[87] (WO2003/090512)
[30] US (10/128,738) 2002-04-23

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[11] **2,505,524**
[13] C
[51] **Int.Cl. A61K 38/22 (2006.01) A61K 38/18 (2006.01) A61P 7/06 (2006.01) A61P 9/04 (2006.01)**
[25] EN
[54] **NOVEL USE OF ERYTHROPOIETIN IN HEART DISEASES**
[54] **UTILISATION DE L'ERYTHROPOIETINE DANS DES MALADIES CARDIAQUES**
[72] LEHMANN, PAUL, DE
[72] ROEDDIGER, RALF, DE
[72] WALTER-MATSUI, RUTH, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2005-05-09
[86] 2003-11-17 (PCT/EP2003/012822)
[87] (WO2004/047858)
[30] EP (02026342.2) 2002-11-22

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[11] **2,507,879**
[13] C
[51] **Int.Cl. G06T 17/20 (2006.01) G01V 9/00 (2006.01)**
[25] FR
[54] **METHOD FOR GENERATING A 3D CONFORMAL HYBRID MESH OF A HETEROGENOUS FORMATION CROSSED BY ONE OR MORE GEOMETRIC DISCONTINUITIES FOR THE PURPOSE OF PERFORMING SIMULATIONS**
[54] **METHODE POUR GENERER UN MAILLAGE HYBRIDE CONFORME EN TROIS DIMENSIONS D'UNE FORMATION HETEROGENE TRAVERSEE PAR UNE OU PLUSIEURS DISCONTINUITES GEOMETRIQUES DANS LE BUT DE REALISERDES SIMULATIONS**
[72] FLANDRIN, NICOLAS, FR
[72] BENNIS, CHAKIB, FR
[72] BOROUCHAKI, HOUMAN, FR
[72] LEMONNIER, PATRICK, FR
[73] IFP ENERGIES NOUVELLES, FR
[86] (2507879)
[87] (2507879)
[22] 2005-05-17
[30] FR (04/05.555) 2004-05-21

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[11] **2,507,960**
[13] C
[51] **Int.Cl. G01N 1/30 (2006.01) C12M 1/34 (2006.01) C12M 1/36 (2006.01) G01N 1/31 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR AUTOMATIC STAINING OF TISSUE SAMPLES**
[54] **PROCEDE ET APPAREIL DE COLORATION AUTOMATIQUE D'ECHANTILLONS DE TISSU**
[72] SWEET, DOUG, US
[72] KEY, MARC, US
[72] FEINGOLD, GORDON, US
[72] BUCHANAN, KRISTOPHER, US
[72] LATHROP, BOB, US
[72] FAVUZZI, JOHN, US
[73] DAKO DENMARK A/S, DK
[85] 2005-05-31
[86] 2003-12-19 (PCT/US2003/040518)
[87] (WO2004/058950)
[30] US (60/435,601) 2002-12-20

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[51] **Int.Cl. H02J 13/00 (2006.01) H01R 13/66 (2006.01) H01R 13/703 (2006.01) H02B 1/24 (2006.01) H02H 11/00 (2006.01) H04B 1/59 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **ELECTRICAL POWER DISTRIBUTION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION ELECTRIQUE**
[72] JONES, NICOLAS, CA
[72] MONTGOMERY, STEVE, CA
[72] SIMPSON, RICHARD, US
[72] BAKER, GREGORY, US
[73] 2D2C, INC., US
[86] (2522390)
[87] (2522390)
[22] 2005-10-05
[30] US (60/616,188) 2004-10-05

[11] **2,527,740**
[13] C
[51] **Int.Cl. H04L 12/26 (2006.01)**
[25] EN
[54] **USING FILTERING AND ACTIVE PROBING TO EVALUATE A DATA TRANSFER PATH**
[54] **FILTRAGE ET SONDAGE ACTIF PERMETTANT D'EVALUER UN CHEMIN DE TRANSFERT DE DONNEES**
[72] NILSSON, MARTIN, SE
[72] EKELIN, SVANTE, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[86] (2527740)
[87] (2527740)
[22] 2005-11-23

[11] **2,547,709**
[13] C
[51] **Int.Cl. C12N 9/16 (2006.01) C12N 9/50 (2006.01) C12N 9/52 (2006.01)**
[25] EN
[54] **PERHYDROLASE**
[54] **PERHYDROLASE**
[72] AMIN, NEELAM S., US
[72] BOSTON, MATTHEW G., US
[72] BOTT, RICHARD R., US
[72] CERVIN, MARGUERITE A., US
[72] CONCAR, EDWARD M., US
[72] GUSTWILLER, MARC E., US
[72] JONES, BRIAN EDWARD, NL
[72] LIEBETON, KLAUS, DE
[72] MIRACLE, GREGORY S., US
[72] OH, HIROSHI, US
[72] POULOSE, AYROOKARAN J., US
[72] RAMER, SANDRA W., US
[72] SCHEIBEL, JEFFREY J., US
[72] WEYLER, WALTER, US
[72] WHITED, GREGORY M., US
[73] GENENCOR INTERNATIONAL, INC., US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2006-05-30
[86] 2004-12-03 (PCT/US2004/040438)
[87] (WO2005/056782)
[30] US (60/526,764) 2003-12-03

[11] **2,549,279**
[13] C
[51] **Int.Cl. H04R 29/00 (2006.01) H04R 25/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR OBJECTIVE ASSESSMENT OF IN-EAR DEVICE ACOUSTICAL PERFORMANCE**
[54] **PROCEDE ET APPAREIL PERMETTANT UNE EVALUATION OBJECTIVE DE L'EFFICACITE ACOUSTIQUE D'UN DISPOSITIF INTRA-AURICULAIRES**
[72] VOIX, JEREMIE, CA
[72] LAVILLE, FREDERIC, CA
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2006-06-02
[86] 2004-12-03 (PCT/CA2004/002079)
[87] (WO2005/055656)
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[11] **2,582,149**
[13] C
[51] **Int.Cl. A61K 38/00 (2006.01)**
[25] EN
[54] **ANALOGS OF SHK TOXIN AND THEIR USES IN SELECTIVE INHIBITION OF KV1.3 POTASSIUM CHANNELS**
[54] **ANALOGUES DE LA TOXINE SHK ET UTILISATIONS DANS L'INHIBITION SELECTIVE DES CANAUX POTASSIQUES KV1.3**
[72] CHANDY, GEORGE K., US
[72] BEETON, CHRISTINE, US
[72] PENNINGTON, MICHAEL WILLIAM, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[73] BACHEM BIOSCIENCE, INC., US
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[54] **COMPOSITIONS CONTAINING LIPASE; PROTEASE AND AMYLASE FOR TREATING PANCREATIC INSUFFICIENCY**
[54] **COMPOSITIONS CONTENANT DE LA LIPASE, DE LA PROTEASE ET DE L'AMYLASE POUR LE TRAITEMENT DE L'INSUFFISANCE PANCREATIQUE**
[72] MARGOLIN, ALEXEY L., US
[72] SHENOY, BHAMI C., US
[72] MURRAY, FREDERICK T., US
[72] STEVENS, ANTHONY CHRISTOPHER LEE, US
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[54] **AFFICHAGE AMELIORE DES IMAGES ULTRASONORES**
[72] TAL, ROY, IL
[73] BIOSENSE WEBSTER, INC., US
[86] (2586818)
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[54] **SYSTEMS AND METHODS FOR SEMANTIC EDITORIAL CONTROL AND VIDEO/AUDIO EDITING**
[54] **SYSTEMES ET PROCEDES DE CONTROLE REDACTIONNEL SEMANTIQUE ET D'EDITION AUDIO/VIDEO**
[72] HABERMAN, SETH, US
[72] WEITE, DAVID, US
[73] VISIBLE WORLD, INC., US
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[72] CUTLER, CHARLES R., US
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[54] **ELECTROMAGNETIC (EM) METAL FORMING TECHNIQUES FOR HYDROFORMING PIERCE PUNCHES DRIVE VIA EM ENERGY, FOR FORMING TUBULAR METAL WORKPIECES OVER A MANDREL, AND FOR MAKING CAMSHAFT ASSEMBLIES**
[54] **TECHNIQUES ELECTROMAGNETIQUES DE FORMAGE DES METAUX POUR COMMANDE D'HYDROFORMAGE AU MOYEN DE POINCONS DE PERCAGE PAR ENERGIE ELECTROMAGNETIQUE, POUR FORMAGE DE PIECES METALLIQUES TUBULAIRES SUR UN MANDRIN, ET POUR FABRIQUER DES ARBRES A CAMES**
[72] CHAREST, PASCAL P., CA
[72] HOOK, JONATHAN B., CA
[73] MAGNA INTERNATIONAL INC., CA
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[54] **WIRELESS DEVICE AND METHOD FOR DETERMINING WHICH ACCESS POINT NAME (APN) TO USE**
[54] **DISPOSITIF SANS FIL ET METHODE DE DETERMINATION DU NOM DE POINT D'ACCES (APN) A UTILISER**
[72] CORMIER, JEAN-PHILIPPE, CA
[72] LEPP, JAMES R.W., CA
[72] CHAUDRY, SHAHID, CA
[72] HOSSAIN, ASIF, CA
[72] PLESTID, TREVOR, CA
[72] RAO, PADAKANDLA KRISHNA, CA
[72] SIMS, RICHARD, GB
[72] ISLAM, M. KHALEDUL, CA
[72] BALASUBRAMANIAM, BALARAJAN, CA
[73] BLACKBERRY LIMITED, CA
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[54] **FRAGMENTS DE VIP ET METHODES D'UTILISATION**
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[73] VECTUS BIOSYSTEMS LIMITED, AU
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[54] **STEP LOAD BRACKET**
[54] **SUPPORT DE FIXATION POUR CHARGE DE MARCHEPIED**
[72] WOODS, SCOTT L., US
[72] AVERS, ROBERT, US
[73] MAGNA INTERNATIONAL INC., CA
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[54] **MEMBRANES ASYMETRIQUES DESTINEES A ETRE UTILISEES DANS UNE NANOFILTRATION**
[72] LIVINGSTON, ANDREW GUY, GB
[72] SEE-TOH, YOONG HSIANG, GB
[73] IMPERIAL INNOVATIONS LIMITED, GB
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[54] **VACCIN CONTRE L'ANTHRAX**
[72] TSANG, RAYMOND, CA
[72] BERRY, JODY, CA
[72] YUAN, XIN, CA
[72] CORBETT, CINDI, CA
[72] GUBBINS, MIKE, CA
[72] KABANI, AMIN, CA
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[54] **MODELE D'EVENEMENTS PAR TOUCHE(S)**
[72] BEAVER, JASON CLAY, US
[72] PLATZER, ANDREW, US
[73] APPLE INC., US
[86] (2653363)
[87] (2653363)
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[25] EN
[54] **USER NETWORK AND METHOD FOR USING MULTIPLE ACCESS SYSTEMS TO CONNECT TO REMOTE COMMUNICATIONS NETWORK(S)**
[54] **RESEAU D'UTILISATEUR ET PROCEDE D'UTILISATION DE SYSTEMES D'ACCES MULTIPLES POUR SE CONNECTER A UN/DES RESEAU(X) DE COMMUNICATION A DISTANCE**
[72] SACHS, JOACHIM, DE
[72] RINTA-AHO, TEEMU, FI
[72] MAGNUSSON, PER OLOF, SE
[72] PRYTZ, MIKAEL, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **COOKING METHOD**
[54] **METHODE DE CUISSON**
[72] BONASSI, LUCA, IT
[72] CROSTA, PAOLO, IT
[73] WHIRLPOOL CORPORATION, US
[86] (2657893)
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[54] **USE OF CD83 IN COMBINATION THERAPIES**
[54] **UTILISATION DE CD83 DANS DES POLYTHERAPIES**
[72] NICOLETTE, CHARLES, US
[72] BRAND, STEPHEN, US
[72] ZHONG, ZHEN, CA
[72] WANG, HAO, CA
[72] ARP, JACQUELINE, CA
[72] RAMCHARRAN, SIOBHAN, CA
[72] BAROJA, MIRIN LOREA, CA
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[54] **CONDENSATION DRAINING SYSTEM FOR CONDENSING WATER HEATERS**
[54] **SYSTEME DE DRAINAGE PAR CONDENSATION PERMETTANT DE CONDENSER L'EAU DES CHAUFFE-EAU**
[72] GORDON, MICHAEL W., US
[72] RITSEMA, RYAN, US
[73] BRADFORD WHITE CORPORATION, US
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[87] (2659534)
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[54] **METHOD OF SECURELY PAIRING DEVICES WITH AN ACCESS POINT FOR AN IP-BASED WIRELESS NETWORK**
[54] **METHODE D'APPARIEMENT SECURITAIRE DE DISPOSITIFS AVEC UN POINT D'ACCES POUR RESEAU SANS FIL IP**
[72] WINKLER, DAVID B., US
[72] BROCK, YARO P., US
[72] CHUGH, JASDEEP S., US
[72] KEMERY, MICHAEL C., US
[73] T-MOBILE USA, INC., US
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[54] **NOUVEAUX COMPOSES ANXIOLYTIQUES**
[72] BAELL, JONATHAN BAYLDON, AU
[72] SLEEBS, BRAD, AU
[72] FLYNN, BERNARD LUKE, AU
[72] STREET, IAN PHILLIP, AU
[72] QUAZI, NURUL, AU
[72] BUI, CHINH THIEN, AU
[73] BIONOMICS LIMITED, AU
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[54] **METHODS OF REDUCING PHOSPHATE ABSORPTION**
[54] **PROCEDES POUR REDUIRE L'ABSORPTION DE PHOSPHATE**
[72] COOK, MARK, US
[72] PETKOVICH, MARTIN, CA
[72] HELVIG, CHRISTIAN, CA
[72] HELLESTAD, ERICA, US
[72] CRAWFORD, KEITH, US
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[73] AOVATECHNOLOGIES, INC., US
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[54] **FORMULATIONS LIQUIDES D'ANTICORPS ANTI-RAGE**
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[72] MARISSEN, WILLEM EGBERT, NL
[73] CRUCELL HOLLAND B.V., NL
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[54] **AXE TRANSVERSAL A PLUSIEURS VITESSES A DOUBLE EMBRAYAGE**
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[73] MAGNA POWERTRAIN USA, INC., US
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[54] **SYSTEME DE PROTECTION GONFLABLE POUR QUAIS**
[72] TURCOT, JEAN-MARC D., CA
[73] TURCOT, JEAN-MARC D., CA
[86] (2672456)
[87] (2672456)
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[54] **PLACEMENT D'ELEMENTS DE COUPE SUR DES STRUCTURES DE COUPE SECONDAIRES D'ENSEMBLE D'OUTILS A PERCER**
[72] MAKKAR, NAVISH, US
[72] TANG, WEI, US
[72] WHIPPLE, GORDON, US
[72] LAIRD, TOMMY, US
[72] NELSON, GAIL R., US
[73] SMITH INTERNATIONAL, INC., US
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[54] **PRODUIT DIETETIQUE COMPRENANT DE L'ALGINATE**
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[73] S-BIOTEK AF 15. MARTS 2006 I APS, DK
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[54] **DISPOSITIF D'ACCES POUR INSTRUMENT CHIRURGICAL AVEC ELEMENT PROTECTEUR**
[72] MURRAY, MICHAEL A., US
[72] WIDENHOUSE, CHRISTOPHER W., US
[72] SHELTON, FREDERICK E., IV, US
[72] WHITE, WILLIAM JASON, US
[72] GILL, ROBERT P., US
[72] VOEGELE, JAMES WALDEN, US
[72] HESS, CHRISTOPHER J., US
[72] WEISENBURGH, WILLIAM BRUCE, II, US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **A WAVE POWER UNIT, A BUOY, USE OF A WAVE POWER UNIT AND A METHOD FOR PRODUCING ELECTRIC ENERGY**
[54] **UNITE HOULOMOTRICE, BOUEE, UTILISATION D'UNE UNITE HOULOMOTRICE ET PROCEDE DE PRODUCTION D'ENERGIE ELECTRIQUE**
[72] LEIJON, MATS, SE
[72] STROEMSTEDT, ERLAND, SE
[73] SEABASED AB, SE
[85] 2009-10-01
[86] 2007-04-18 (PCT/SE2007/050252)
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[54] **SYSTEMES GENERATEURS D'ISOTOPES MEDICAUX**
[72] O'HARA, MATTHEW J., US
[72] RAPKO, BRIAN M., US
[72] EDWARDS, MATTHEW K., US
[72] WESTER, DENNIS W., US
[73] BATTELLE MEMORIAL INSTITUTE, US
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[54] **OPTICALLY-ENABLED INTEGRATED CIRCUIT PACKAGE**
[54] **BOITIER DE CIRCUIT INTEGRE ACTIVE OPTIQUEMENT**
[72] FU, SHAO-WEI, CA
[72] MAINARDI, RICHARD, CA
[72] ROLSTON, DAVID ROBERT CAMERON, CA
[73] REFLEX PHOTONICS INC., CA
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[25] EN
[54] **METHOD FOR CLEANING DEPOSITS FROM TURBOCHARGER AND SUPERCHARGER COMPRESSORS**
[54] **METHODE D'ELIMINATION DES DEPOTS DES COMPRESSEURS DE TURBOCOMPRESSEURS ET DE SURPRESSEURS**
[72] MARTENS, ARD, NL
[72] NANCEKIEVILL, GRAHAM, GB
[72] DAJAEGHERE, LUDO, BE
[73] CHEVRON BELGIUM N.V., BE
[86] (2686780)
[87] (2686780)
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[30] US (12/331,239) 2008-12-09

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[25] EN
[54] **INTEGRATED DIE TRIM AND METHOD**
[54] **DECOUPE D'EBAVURAGE INTEGREE ET PROCEDE**
[72] SMITH, JEROME CARSON, US
[73] MAGNA INTERNATIONAL INC., CA
[85] 2009-11-24
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[25] EN
[54] **VISIBLE AND AUDIBLE WARNING SIGNAL OPERATING AND CONTROL APPARATUS INTEGRATED INTO A SINGLE UNIT**
[54] **DISPOSITIF D'EXPLOITATION ET DE COMMANDE DE SIGNAUX D'AVERTISSEMENT VISIBLES ET SONORES, INTEGRE DANS UN SEUL APPAREIL**
[72] CRONMILLER, JAMES J., US
[72] STARR, ORIANA J., US
[73] STAR HEADLIGHT & LANTERN CO., INC., US
[86] (2688302)
[87] (2688302)
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[51] **Int.Cl. F25B 49/02 (2006.01) F25B 39/02 (2006.01)**
[25] EN
[54] **EVAPORATOR ASSEMBLY WITH A FAN CONTROLLER**
[54] **DISPOSITIF EVAPORATEUR DOTE D'UNE COMMANDE DE VENTILATEUR**
[72] ZOLLI, VINCE, CA
[72] MEAD, WILLIAM J., CA
[73] NATIONAL REFRIGERATION & AIR CONDITIONING CANADA CORP., CA
[86] (2691493)
[87] (2691493)
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[72] PRAGST, INGO, DE
[72] LESSA, HENRIQUE, DE
[72] HAAS, THORSTEN, AT
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[72] TJEENK WILLINK, CORNELIS ANTONIE, NL
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[72] NORMAND, STEPHANE, FR
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[72] THORSEN, DANIEL M., US
[72] BANDY, GREGORY SETH, US
[72] SADLER, JOHN THOMAS, US
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[54] **APPAREIL ET PROCEDE POUR RECHERCHER ET SIGNALER DES RESEAUX MOBILES TERRESTRES PUBLICS (PLMN) DANS UN SYSTEME DE TELECOMMUNICATIONS MOBILES**
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[54] **PROCEDE ET APPAREIL DE FORMATION D'UN DISPOSITIF OPHTALMIQUE A FOCALE VARIABLE**
[72] PUGH, RANDALL B., US
[72] OTTS, DANIEL B., US
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[73] JOHNSON & JOHNSON VISION CARE, INC., US
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[72] HOBBS, JEFFREY, CA
[73] MITEL NETWORKS CORPORATION, CA
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[54] **ANALOGUES DE TRIAZINE, PYRIMIDINE ET PYRIDINE ET LEUR UTILISATION EN TANT QU'AGENTS THERAPEUTIQUES ET SONDES DE DIAGNOSTIC**
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[54] **PROCEDE DE REVETEMENT DE SURFACES PAR DES PARTICULES, ET UTILISATION DES REVETEMENTS FABRIQUES PAR CE PROCEDE**
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[72] IBLINGS, DAVID, US
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[72] RANDLE, NEIL PATRICK, US
[72] BARROW, STEPHEN ROY, US
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[54] **SYSTEME D'APPORT DE DOSES PHARMACEUTIQUES**
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[72] SOLOMAN, WILLIAM J., US
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[73] VACULIFT, INC. (DBA VACUWORX INTERNATIONAL), US
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[54] **PROCEDE DE REVETEMENT PAR IMMERSION A CHAUD D'UN PRODUIT PLAT EN ACIER CONTENANT DE 2 A 35 % EN MASSE DE MN, AINSI QUE PRODUIT PLAT EN ACIER**
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[54] **COMPOSE HETEROCYCLIQUE RENFERMANT UNE COMPOSANTE CARBINOL LIEE PAR LIANT HETEROCYCLIQUE A UNE COMPOSANTE IMIDAZOLIDINE 2,4-DIONE ET SON UTILISATION COMME AGONISTE RECEPTEUR DU FOIE**
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[72] SUMIDA, HISASHI, JP
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[54] **DISTRIBUTEUR DE PRODUIT EN FEUILLE AVEC CAPTEUR POUR SEPARATION DE FEUILLE**
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[72] MCNEELY, NOAH, US
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[72] XIOL, AGUIRRE JAIME, ES
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[54] **PROCEDE POUR SURVEILLER OU SUIVRE LES OPERATIONS DANS DES PUITS DE FORAGE**
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[73] DRESSER-RAND COMPANY, US
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[54] **SYSTEME DE STATION DE PAIEMENT MOBILE ET PROCEDE ASSOCIE**
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[72] CARROLL, ANDREW NATHAN, US
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[54] **PROCEDE ET SYSTEME DE GENERATION SOLAIRE**
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[72] JUNG, HEON WOONG, KR
[72] LEE, KANG PYO, KR
[72] KIM, SAE HUN, KR
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[54] **ELIMINATION ECONOMIQUE ET RENOUVELABLE D'UN SOUS-PRODUIT DE SEL NE GENERANT AUCUN REJET LIQUIDE**
[72] MOE, NEIL EDWIN, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **SYSTEME ET PROCEDE POUR DETERMINER LA CONCENTRATION D'UN ANALYTE DANS UN ECHANTILLON DE FLUIDE**
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[54] **PROCEDES DE FABRICATION D'UN SERRE-RAIL ELASTIQUE**
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[72] RHODES, DAVID, GB
[73] PANDROL LIMITED, GB
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[54] **SYSTEME STRATIFIE POUR PRODUIRE UNE CELLULE SOLAIRE SUR UN SUBSTRAT METALLIQUE, PROCEDE POUR PRODUIRE LEDIT SYSTEME STRATIFIE**
[72] VAN KREVEL, JOOST WILLEM HENDRIK, NL
[72] WIGCHERT, ALBERTUS JOHANNES MARIA, NL
[72] PALANISWAMY, GANESAN, NL
[73] TATA STEEL NEDERLAND TECHNOLOGY BV, NL
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[72] MEEHAN, STEVEN KYLE, US
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[72] ANDERSON, RICK DARREL, US
[72] SHIELDS, JOSEPH CHAD, US
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[54] **ANALYSE STATISTIQUE FENETREE POUR DETECTION D'ANOMALIE DANS DES ENSEMBLES DE DONNEES GEOPHYSIQUES**
[72] KUMARAN, KRISHNAN, US
[72] WANG, JINGBO, US
[72] HUSSENOEDER, STEFAN, US
[72] GILLARD, DOMINIQUE G., US
[72] MEDEMA, GUY F., US
[72] SCHROEDER, FRED W., US
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[54] **DISPOSITIF ET PROCEDE DE SOUDAGE DE PIECES PROFILEES**
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[72] SCHMITT, HANS, DE
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[54] **ELEMENT DE CONNEXION ENFICHABLE ELECTRIQUE ET PIECE DE CONNEXION ENFICHABLE COMPORTANT PLUSIEURS ELEMENTS DE CONNEXION ENFICHABLE**
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[54] **PROCEDE ET SYSTEME VISANT A OBTENIR L'ETAT DE DISPONIBILITE POUR DE MULTIPLES UTILISATEURS SIP**
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[73] BLACKBERRY LIMITED, CA
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[72] RINGOLD, CLAY E., US
[72] FAVORS, KARLA D., US
[72] JOHNSON, DEXTER C., US
[72] TOWNSEND, DAVID F., US
[72] WRIGHT, THOMAS L., US
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[54] **SYSTEM FOR SEEDING CELLS ONTO THREE DIMENSIONAL SCAFFOLDS**
[54] **SYSTEME POUR INOCULER DES CELLULES SUR DES ECHAFAUDAGES TRIDIMENSIONNELS**
[72] BREUER, CHRISTOPHER, US
[72] SNYDER, EDWARD L., US
[72] SHAFI, KERU, US
[72] SMITH, MARTIN ALEXANDER, US
[73] YALE UNIVERSITY, US
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[72] LUGER, PETER, AT
[72] MORITZHUBER, JOHANNES, AT
[73] INNOVA PATENT GMBH, AT
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[54] **POSTE DE VOTE ACCESSIBLE ET DISPOSITIF DE COMPTAGE**
[72] BROCKHOUSE, SEAN, US
[72] BAUMERT, DEAN, US
[72] SCHMIDT, JAMES E., US
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[73] ELECTION SYSTEMS & SOFTWARE, LLC, US
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[54] **PROCEDE POUR APPLIQUER UN ADHESIF AU POLYURETHANE SUR UN SUBSTRAT**
[72] SNOWWHITE, PAUL, US
[72] VOLLMER, RONALD, US
[72] MILLER, JOHN WILLIAM, US
[73] ADCO PRODUCTS, LLC, US
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[54] **COUCHE DE CONTROLE D'ACCES AU SUPPORT QUI ENCAPSULE LES DONNES D'UNE PLURALITE D'UNITES DE DONNEES RECUES DANS UNE PLURALITE DE BLOCS TRANSMETTABLES DE MANIERE INDEPENDANTE**
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[72] KOSTOFF, STANLEY J., II, US
[72] EARNSHAW, WILLIAM E., US
[72] BLANCHARD, BART W., US
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[54] **PROCEDE D'ELIMINATION D'IMPURETES D'HUILE DE TRIACYLGLYCEROL**
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[72] GRICHKO, VARVARA, US
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[54] **DISPOSITIF ELECTRONIQUE AVEC MECANISME DE FIXATION MAGNETIQUE**
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[72] ROHRBACH, MATTHEW D., US
[72] COSTER, DANIEL J., US
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[72] OW, FLORENCE W., US
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[54] **TOLE D'ACIER A HAUTE RESISTANCE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] FUSHIWAKI, YUSUKE, JP
[72] SUZUKI, YOSHITSUGU, JP
[73] JFE STEEL CORPORATION, JP
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[54] **SYSTEME ET PROCEDE DE PROTECTION CONTRE LES SURTENSIONS**
[72] WAGONER, ROBERT GREGORY, US
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[73] GENERAL ELECTRIC COMPANY, US
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[54] **CLAVIER TACTILE PROPOSANT UNE PREDICTION DE MOTS CORRECTRICE**
[72] GRIFFIN, JASON TYLER, CA
[72] HAMILTON, ALISTAIR ROBERT, CA
[72] MCKENZIE, DONALD S. MCCULLOCH, CA
[72] PASQUERO, JEROME, CA
[73] BLACKBERRY LIMITED, CA
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[73] GENERAL ELECTRIC COMPANY, US
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[72] PATEL, BHAVESH, DE
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[72] BOCKHOLT, MARCOS, DE
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[54] **SYSTEME DE CONTROLE DE PAS D'EOLIENNE**
[72] BROWN, MICHAEL GREGORY, US
[72] MELIUS, JEFFREY ALAN, US
[73] GENERAL ELECTRIC COMPANY, US
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[72] LARSEN, EINAR VAUGHN, US
[72] BARKER, SIDNEY ALLEN, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **DEBITMETRE VIBRATOIRE ET PROCEDE DE MESURE DE LA TEMPERATURE**
[72] VAN CLEVE, CRAIG BRAINERD, US
[73] MICRO MOTION, INC., US
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[54] **APPAREIL DE TRAITEMENT DE VIDEO, SYSTEME DE TRAITEMENT DE VIDEO ET PROCEDE DE TRAITEMENT DE VIDEO**
[72] ISHII, MASAKI, JP
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[73] RICOH COMPANY, LIMITED, JP
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[54] **SYSTEME D'EXTINCTION D'INCENDIE POUR STOCKAGE DE BIOMASSE**
[72] SAUER, RICHARD A., US
[72] MASI, RICHARD R., US
[72] KEELING, ADAM, US
[73] L'AIR LIQUIDE - SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **RACCORD DE DISPOSITIF COMPORTANT UN ECROU DE COMPRESSION AVEC UN DISPOSITIF DE RETENUE**
[72] THOMAS, KURT JUDSON, US
[72] NELSON, ALFRED CHARLES, US
[73] DELTA FAUCET COMPANY, US
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[54] **CABLE TRACK MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE CHEMIN DE CABLE**
[72] RIDDALL, MIKE, US
[73] HONDA MOTOR CO., LTD., JP
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[54] **PROCEDE ET APPAREIL POUR ANALYSE DE MASSE**
[72] HAUSCHILD, JAN-PETER, DE
[72] LANGE, OLIVER, DE
[72] FROHLICH, ULF, DE
[72] WIEGHAUS, ANDREAS, DE
[72] KHOLOMEEV, ALEXANDER, DE
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[54] **PROCEDE ET SYSTEME POUR UNE INDEXATION HORS LIGNE DE CONTENU ET UNE CLASSIFICATION DE DONNEES STOCKEES**
[72] GOKHALE, PARAG, US
[72] KOTTOMTHARAYIL, RAJIV, US
[72] ATTARDE, DEEPAK RAGHUNATH, US
[72] AHN, JUN H., US
[72] PRAHLAD, ANAND, US
[72] SCHWARTZ, JEREMY A., US
[72] NGO, DAVID, US
[72] BROCKWAY, BRIAN, US
[72] MULLER, MARCUS S., US
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[54] **HYGROMETRE POUR POT SUSPENDU**
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[73] ANGA, JOHN, CA
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[54] **COMPRESSION DE DONNEES D'IMAGE**
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[72] YU, XIANG, CA
[72] WANG, JING, CA
[73] BLACKBERRY LIMITED, CA
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[54] **POMPE PERISTALTIQUE ET TETE DE POMPE CORRESPONDANTE**
[72] CROWSLEY, DAVID, GB
[73] WATSON-MARLOW LIMITED, GB
[85] 2014-01-28
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[73] SENSILE PAT AG, CH
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[54] **COMPOSES ORGANIQUES**
[72] LI, PENG, US
[73] INTRA-CELLULAR THERAPIES, INC., US
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[54] **METHOD AND DEVICE FOR SENDING AND RECEIVING DATA**
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'ENVOYER ET DE RECEVOIR DES DONNEES**
[72] LI, DONGSHENG, CN
[73] TENDYRON CORPORATION, CN
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[54] **SYSTEME DE MACONNERIE EN BETON ISOLE**
[72] BROWNING, LEONARD, US
[72] LUNDELL, ROBERT J., US
[72] BELIVEAU, STEPHANE, US
[73] OLDCASTLE ARCHITECTURAL, INC., US
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[54] **SEPARATEUR CENTRIFUGE DOTE DE MECANISME DE FORCAGE SERVANT A CONTRER UNE FUITE DE JOINT**
[72] ISAKSSON, ROLAND, SE
[72] THORWID, PETER, SE
[73] ALFA LAVAL CORPORATE AB, SE
[85] 2014-03-04
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[54] **SYSTEM AND METHOD FOR RENDERING VIRTUAL CONTAMINANTS**
[54] **MECANISME ET METHODE DE RENDU DE CONTAMINANTS VIRTUELS**
[72] PICHE, PATRICK, CA
[72] ANGHEL, BOGDAN, CA
[72] CHRISTIN, OLIVIER, CA
[73] CAE INC., CA
[86] (2847865)
[87] (2847865)
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[25] EN
[54] **HYALURONIC ACID/COLLAGEN-BASED DERMAL FILLER COMPOSITIONS AND METHODS FOR MAKING SAME**
[54] **COMPOSITIONS DE REMPLISSAGE DERMIQUE A BASE D'ACIDE HYALURONIQUE/DE COLLAGENE ET LEURS PROCEDES DE FABRICATION**
[72] POLLOCK, JACOB F., US
[72] YU, XIAOJIE, US
[72] MANESIS, NICHOLAS J., US
[73] ALLERGAN, INC., US
[85] 2014-03-06
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[54] **WATER RING SCANNING APPARATUS AND METHOD, AND APPARATUS AND METHOD FOR ENCODING/DECODING VIDEO SEQUENCES USING THE SAME**
[54] **APPAREIL ET PROCEDE DE BALAYAGE A ANNEAU LIQUIDE ET APPAREIL ET PROCEDE PERMETTANT DE CODER/DECODER DES SEQUENCES VIDEO AU MOYEN DUDIT APPAREIL ET DUDIT PROCEDE DE BALAYAGE A ANNEAU LIQUIDE**
[72] PARK, GWANG-HOON, KR
[72] AHN, CHIE-TEUK, KR
[72] CHEONG, WON-SIK, KR
[72] KIM, JIN-WOONG, KR
[72] KIM, KYU-HEON, KR
[72] LEE, MYOUNG-HO, KR
[72] LEE, YOON-JIN, KR
[72] LIM, YOUNG-KWON, KR
[73] NONG HYUP BANK, AS TRUSTEE FOR KDB INFRA IP CAPITAL FUND, KR
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[54] **SYSTEM AND METHOD FOR CONTROL AND MONITORING OF CONFORMAL THERMAL THERAPY**
[54] **SYSTEME ET PROCEDE DE COMMANDE ET DE SURVEILLANCE D'UNE THERMOTHERAPIE CONFORMATIONNELLE**
[72] MAHON, CAMERON, CA
[72] BURTNYK, MATHIEU, CA
[73] PROFOUND MEDICAL INC., CA
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[54] **MISE EN OEUVRE DE COMMUNICATIONS SECURISEES DANS UN SYSTEME DE SUPPORT**
[72] ROTH, GREGORY B., US
[72] CRAHEN, ERIC D., US
[72] BAER, GRAEME D., US
[72] BRANDWINE, ERIC J., US
[72] FITCH, NATHAN R., US
[73] AMAZON TECHNOLOGIES, INC., US
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[54] **DYNAMIC JEWELLERY**
[54] **BIJOU DYNAMIQUE**
[72] ZACHARY, JEROME, CA
[72] GUPTA, ABHISDHEK, IN
[73] ROUSSEAU CHAIN LTD., CA
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[54] **APPARATUS FOR DETECTING TYPE OF AUDIO INTERFACE**
[54] **APPAREIL DE DETECTION DE TYPE D'INTERFACE AUDIO**
[72] LI, DONGSHENG, CN
[73] TENDYRON CORPORATION, CN
[85] 2014-05-07
[86] 2012-12-28 (PCT/CN2012/087919)
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[54] **SYSTEMES ET PROCEDES DE RENDU VIDEO 3D A RESOLUTION AMELIOREE**
[72] MALEKI, BEHROOZ, US
[72] SARKHOSH, SARVENAZ, US
[73] BITANIMATE, INC., US
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[54] **NETWORK TV AND METHOD FOR OPERATING SAME**
[54] **TELEVISION DE RESEAU ET SON PROCEDE DE FONCTIONNEMENT**
[72] HONG, HOTAEK, KR
[72] LEE, JOONHUI, KR
[73] LG ELECTRONICS INC., KR
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[54] **REPONSE EN FREQUENCE ET INDICATEUR DE SANTE POUR UN GENERATEUR DE JET SYNTHETIQUE**
[72] GRIFFIN, STEVEN F., US
[73] THE BOEING COMPANY, US
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[87] (2859218)
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[54] **REACTOR UNIT**
[54] **UNITE DE REACTANCES**
[72] KATANO, KOJI, JP
[72] SEKINE, HIROYUKI, JP
[72] NAKAMURA, IKUHIRO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **METHOD AND APPARATUS FOR OPHTHALMIC DEVICES INCLUDING HYBRID ALIGNMENT LAYERS AND SHAPED LIQUID CRYSTAL LAYERS**
[54] **PROCEDE ET APPAREIL POUR DISPOSITIFS OPHTALMIQUES COMPRENANT DES COUCHES D'ALIGNEMENT HYBRIDES ET DES COUCHES DE CRISTAUX LIQUIDES FACONNEES**
[72] PUGH, RANDALL BRAXTON, US
[72] FLITSCH, FREDERICK A., US
[72] TONER, ADAM, US
[72] RIALL, JAMES DANIEL, US
[72] PANDOJIRAO-S, PRAVEEN, US
[72] TABIRIAN, NELSON V., US
[72] SERAK, SVETLANA, US
[72] USKOVA, OLENA, US
[72] DE SIO, LUCIANO, US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
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[54] **SYSTEM AND METHOD FOR DELIVERY OF REGIONAL CITRATE ANTICOAGULATION TO EXTRACORPOREAL BLOOD CIRCUITS**
[54] **SYSTEME ET PROCEDE POUR L'ADMINISTRATION D'ANTICOAGULATION REGIONALE AU CITRATE A DES CIRCUITS SANGUINS EXTRACORPORELS**
[72] SZAMOSFALVI, BALAZS, US
[72] FRINAK, STANLEY, US
[72] YEE, JERRY, US
[73] HENRY FORD HEALTH SYSTEM, US
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[25] FR
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[54] **DISPOSITIF DE CALAGE A QUAI DE VEHICULE DE TRANSPORT DE MARCHANDISES ET INSTALLATION LE COMPORTANT**
[72] BELLOTA, IGNACE, FR
[73] A.S.A. FERMETURES, FR
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[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] KAKENO, YUJI, JP
[72] MIZUNO, HIDEAKI, JP
[72] UMAYAHARA, KENJI, JP
[72] NAGANUMA, YOSHIAKI, JP
[72] TOIDA, MASASHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[25] EN
[54] **TAPHOLE ASSEMBLY, METHOD FOR MANUFACTURING A TAPHOLE ASSEMBLY, AND METALLURGICAL FURNACE**
[54] **ENSEMBLE TROU DE COULEE, PROCEDE DE FABRICATION D'UN ENSEMBLE TROU DE COULEE ET FOUR METALLURGIQUE**
[72] HUGG, EERO, FI
[72] PIENIMAKI, KARI, FI
[72] KETOLA, MIKA, FI
[72] JAFS, MIKAEL, FI
[73] OUTOTEC (FINLAND) OY, FI
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[25] EN
[54] **METHOD AND DEVICE FOR COMPRESSING AND STORING DATA BASED ON SPARSE MATRIX**
[54] **PROCEDE ET DISPOSITIF DE COMPRESSION ET DE STOCKAGE DE DONNEES BASE SUR UNE MATRICE CREUSE**
[72] LIU, DAOXIN, CN
[72] HU, HANGHAI, CN
[72] ZHANG, JIAN, CN
[72] XU, XIUMIN, CN
[72] ZHANG, QIWEI, CN
[73] STATE GRID CORPORATION OF CHINA (SGCC), CN
[73] BEIJING CHINA-POWER INFORMATION TECHNOLOGY CO., LTD., CN
[86] (2871435)
[87] (2871435)
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[25] EN
[54] **METHOD AND SYSTEM FOR ESTIMATING ROCK PROPERTIES FROM ROCK SAMPLES USING DIGITAL ROCK PHYSICS IMAGING**
[54] **PROCEDE ET SYSTEME D'ESTIMATION DE PROPRIETES DE ROCHES A PARTIR D'ECHANTILLONS DE ROCHE EN UTILISANT UNE IMAGERIE NUMERIQUE DE LA PHYSIQUE DES ROCHES**
[72] DVORKIN, JACK, US
[72] DERZHI, NAUM, US
[73] INGRAIN, INC., US
[85] 2014-10-27
[86] 2013-05-16 (PCT/US2013/041276)
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[54] **TISSU MULTIAXIAL PRESENTANT UN MODELE D'INTERFERENCE REDUIT**
[72] HAWES, JOHN M., US
[72] KORNETT, GLENN, US
[72] RYDIN, BJORN, US
[72] QUIGLEY, SCOTT, US
[72] ROYO, MICHAEL A., US
[72] DONOVAN, JAMES G., US
[72] YOOK, STEVEN, US
[73] ALBANY INTERNATIONAL CORP., US
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[54] **POSTE DE TRAVAIL ASSIS-DEBOUT AVEC APPAREIL DE SUPPORT DE DISPOSITIF D'AFFICHAGE**
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[72] CARRASQUILLO, PETER J., US
[72] SMITH, MICHAEL P., US
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[72] KODAMA, HIDETOSHI, JP
[72] MIZUTANI, TADAHIRO, JP
[72] MATSUZAKI, KAZUTOSHI, JP
[72] HARADA, KAZUMASA, JP
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[54] **SYSTEMS AND METHODS FOR SOLVING A MULTI-RESERVOIR SYSTEM WITH HETEROGENEOUS FLUIDS COUPLED TO A COMMON GATHERING NETWORK**
[54] **SYSTEMES ET PROCEDES POUR RESOUDRE UN SYSTEME MULTI-RESERVOIR COMPRENANT DES FLUIDES HETEROGENES COUPLES A UN RESEAU DE REGROUPEMENT COMMUN**
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[72] WONG, TERRY WAYNE, US
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[72] GONZALEZ, ANA, ES
[72] REQUENA, EMILI, ES
[72] GOMES, JEAN-MANUEL, US
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[72] TSUBOSAKA, MUNEHIRO, JP
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[54] **COMPOSITION DE RESINE EPOXY, FILM, PREIMPREGNE ET PLASTIQUE RENFORCE PAR DES FIBRES UTILISANT LA COMPOSITION**
[72] ISHIMOTO, TOMOKO, JP
[72] KANEKO, MANABU, JP
[72] WATANABE, KENICHI, JP
[72] FUKUHARA, YASUHIRO, JP
[72] KITA, SANAE, JP
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[72] PATTON, PAUL, US
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[54] **FLUIDES DE TRAITEMENT COMPORTANT UN COMPOSE DE STABILISATION AYANT DES GROUPES AMINE QUATERNAIRE ET LEURS PROCEDES D'UTILISATION**
[72] REYES, ENRIQUE A., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **MECANISME DE COMMANDE DE VEHICULE COMPORTANT UN ACCELEROMETRE FONDE SUR UN AVERTISSEMENT DE SECURITE ET METHODES ASSOCIEES**
[72] FLICK, KENNETH E., US
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[54] **APPAREIL DE CUISSON LENTE DOTE D'UN DISPOSITIF DE VERROU DE COUVERCLE A CAMES**
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[54] **TUYAU MULTI-ECOULEMENT ET RACCORDS DE TUYAU CORRESPONDANT POUR UTILISATION DANS DES PROCEDES DE RECUPERATION D'HYDROCARBURES D'ECOULEMENT DE FRACTURES**
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[54] **CAPTURE ET ANALYSE IN VITRO DE CELLULES TUMORALES CIRCULANTES**
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[72] SOPER, STEVEN, US
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[54] **DISQUES DE TRI DE MATERIEL DOTES D'OUVERTURES INTERFACIALES VARIABLES**
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[72] HOFFMAN, MAXIM, US
[72] CAMPBELL, DANE, US
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[54] **SYSTEME AUTO-ELEVATEUR ASSISTE PAR STRUCTURE**
[72] FOO, KOK SENG, SG
[72] PERRY, MICHAEL JOHN, SG
[72] QUAH, CHIN KAU MATTHEW, SG
[72] WANG, CYNTHIA, SG
[72] CHEUNG, TAK ON, US
[72] SHAFER, RANDALL SCOTT, US
[72] NOBLE, PETER, US
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[72] SCHUMACHER, FRIEDRICH-WILHELM, DE
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[54] **DECLENCHEMENT INDUIT PAR RAYONNEMENT HAUTE PEFORMANCE POUR COMPOSITIONS A DURCISSEMENT SUR COMMANDE ET PROCEDES D'UTILISATION ASSOCIES**
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[72] GUPTA, VIJAY, US
[72] LEWIS, SAMUEL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[72] PALMER, ANDREAS, DE
[73] CARL FREUDENBERG KG, DE
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[54] **FLUIDES DE PUITS DE FORAGE COMPRENANT DES PARTICULES MINERALES ET PROCEDES ASSOCIES A CEUX-CI**
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[72] LANDIS, CHARLES, US
[72] DEVILLE, JAY, US
[72] MCDANIEL, CATO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHODS AND COMPOSITIONS FOR TREATING SUBTERRANEAN FORMATIONS WITH SWELLABLE LOST CIRCULATION MATERIALS**
[54] **PROCEDES ET COMPOSITIONS DE TRAITEMENT DE FORMATIONS SOUTERRAINES AU MOYEN DE COLMATANTS GONFLABLES**
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[72] MURPHY, ROBERT J., US
[72] MILLER, MATTHEW L., US
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[54] **PROCEDE ET APPAREIL POUR UN GENERATEUR DE GAZ DE FOND DE TROU**
[72] TILMONT, DANIEL, US
[72] ALIFANO, JOSEPH ANTHONY, US
[72] JOS, CYRIL CHERIAN, US
[72] WARE, CHARLES H., US
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[54] **METHOD FOR ENTROPY-ENCODING SLICE SEGMENT AND APPARATUS THEREFOR, AND METHOD FOR ENTROPY-DECODING SLICE SEGMENT AND APPARATUS THEREFOR**
[54] **PROCEDE D'ENCODAGE ENTROPIQUE DE SEGMENT DE TRANCHE ET APPAREIL POUR CE PROCEDE, ET PROCEDE DE DECODAGE ENTROPIQUE DE SEGMENT DE TRANCHE ET APPAREIL POUR CE PROCEDE**
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[72] CHOI, BYEONG-DOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2015-07-02
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[54] **UV-C CATHETER HUB STERILIZATION AND DATA ACQUISITION SYSTEM**
[54] **STERILISATION D'EMBASE DE CATHETER PAR UV-C ET SYSTEME D'ACQUISITION DE DONNEES**
[72] VICTOR, JOHN C., US
[72] ROWE, DAVID TROY, US
[73] TELEFLEX MEDICAL INCORPORATED, US
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[72] RUAN, QIAOQIAO, US
[72] SKINNER, JOSEPH P., US
[72] TETIN, SERGEY Y., US
[73] ABBOTT LABORATORIES, US
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[54] **UTILISATION DE MIC-1 OU D'UN AGENT DE MODULATION DE CELUI-CI POUR MODULER L'APPETIT OU LE POIDS CORPOREL**
[72] BREIT, SAMUEL NORBERT, AU
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[54] **COLLAPSIBLE STACKABLE CONTAINER WITH SELF-CONTAINED ATTACHMENT MEMBERS**
[54] **CONTENANT PLIABLE EMPILABLE DOTE D'ELEMENTS DE FIXATION AUTONOMES**
[72] BRENNAN, JAMES F., US
[73] SEA BOX INC., US
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[54] **REACHEMINEMENT DE SEANCE DE CONFERENCE DYNAMIQUE LORS D'UNE CONFERENCE FONDEE SUR DES MEDIAS SECURISES**
[72] ANDERSON, ERIC, US
[72] GOEPP, DANIEL P., US
[73] EDIFIRE LLC, US
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[25] EN
[54] **DYNAMIC SIGNALING AND RESOURCE ALLOCATION IN SECURE MEDIA-BASED CONFERENCING**
[54] **SIGNALEMENT DYNAMIQUE ET ATTRIBUTION DE RESSOURCE LORS D'UNE CONFERENCE FONDEE SUR DES MEDIAS SECURISES**
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[72] GOEPP, DANIEL P., US
[73] EDIFIRE LLC, US
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[54] **2.BETA.,3.ALPHA.,5.ALPHA.-TRIHYDROXY-ANDROST-6-ONE AND PREPARATION METHODS AND USES THEREOF**
[54] **PROCEDES DE PREPARATION DE 2.BETA.,3.ALPHA.,5.ALPHA.-TRIHYDROXY-ANDROST-6-ONE ET UTILISATION DUDIT COMPOSE**
[72] ZHANG, JINGXIA, CN
[72] LIN, SUIZHEN, CN
[72] XIE, MINYU, CN
[73] GUANGZHOU CELLPROTEK PHARMACEUTICAL CO., LTD, CN
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[54] **METHODE POUR EMPECHER LA PERTE DE POIDS MOLECULAIRE DES POLYMERES, LA FORMATION D'IMPURETES ET LA GELIFICATION DANS LES COMPOSES POLYMERIQUES**
[72] THANOO, BAGAVATHIKANUN CHITHAMBARA, US
[72] MURTAGH, JIM, US
[72] JOHNS, GONTO, US
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[72] LUNEBURG, CATALINA MARIA, US
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[54] **VALVE DE MAINTIEN DE CYLINDRE DE FREIN DU TYPE A RELAIS DIFFERENTIEL**
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[73] NEW YORK AIR BRAKE LLC, US
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[54] **PROCEDE D'INONDATION INTERMITTENTE DE FRACTURE**
[72] AYASSE, CONRAD, CA
[73] IOR CANADA LTD., CA
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[54] **AFFUTEUR DE COUTEAU POUR COUTEAUX ASIATIQUES ET EUROPEENS/AMERICAINS**
[72] ELEK, BELA, US
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[72] MARTINI, PAUL MICHAEL, US
[73] IBOSS, INC., US
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[54] **SYSTEME POUR ATTENUER LES EFFETS D'UN EVENEMENT SISMIQUE**
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[54] **UN DISPOSITIF SERVANT A AMELIORER OU MAINTENIR UNE ERECTION PENIENNE**
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[54] **PROCEDE DE PRODUCTION D'UNE PIECE ET PIECE**
[72] GEIGER, WOLFRAM, DE
[73] NORTHROP GRUMMAN LITEF GMBH, DE
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[54] **OUTIL DE FRAISAGE ET D'EBAVURAGE POUR NETTOYAGE DE PUITS DE FORAGE**
[72] BANSAL, RAM K., US
[72] MEEKS, ARTHUR WARREN, US
[72] HAQ, MOHAMMED ALEEMUL, US
[72] XIAO, BIN, US
[72] MIHALJ, MIROSLAV, US
[72] KIPPIE, DAVID PETER, US
[72] BAILEY, THOMAS F., US
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[54] **ARTHRODESE INTERSOMATIQUE DU RACHIS DILATABLE**
[72] MCLEAN, SCOTT, US
[73] SPINE WAVE, INC., US
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[72] CULLINAN, NICOLA, US
[72] BOISVERT, DAVID, US
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[72] WARD, JAMES R., CA
[72] WARREN, JAMES R., US
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[54] **ETRANGLEUR POUR UN CONDUIT D'ECOULEMENT**
[72] KERR, DEREK J., CA
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[72] KREWULAK, KEN, CA
[72] SCOTT, STEPHEN, CA
[72] FIOLKA, KYLE, CA
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[72] HOLTBY, QUINN A.J., CA
[72] GREENWOOD, DALLAS, CA
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[54] **CAISSON DE TRANCHEE ET METHODE D'ASSEMBLAGE**
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[54] **METHODES ET SYSTEMES DE MISE EN PLACE DE RESEAUX NEURONAUX A PERTURBATION PROFONDE**
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[72] ELIASMITH, CHRISTOPHER D., CA
[71] APPLIED BRAIN RESEARCH INC., CA
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[54] **JOUET AQUATIQUE DE REPERAGE DE PLONGEE**
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[71] CAMPBELL, BASIL I., CA
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[54] **PROCESS FOR PREPARING DNA FOR LONG-TERM STORAGE**
[54] **PROCEDE DE PREPARATION D'ADN EN VUE D'UN STOCKAGE LONGUE DUREE**
[72] LEHTO, RYAN, CA
[71] C.G. LABS, INC., CA
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[54] **ETALONNAGE HYBRIDE DE SOURCES DE COURANT DESTINE A DES AFFICHEURS A TENSION POLARISEE PAR COURANT PROGRAMMES**
[72] CHAJI, GHOLAMREZA, CA
[71] IGNIS INNOVATION INC., CA
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[54] **BOITE DE RANGEMENT DE REMORQUE**
[72] HILL, STEVEN, CA
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[54] **PANTALONS DE NEIGE**
[72] SIM, DOUNG, CA
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[54] **MULTIFUNCTIONAL MOTORIZED BOX AND LANDING PAD FOR AUTOMATIC DRONE PACKAGE DELIVERY**
[54] **CAISSON MOTORISE MULTIFONCTIONNEL ET COUSIN D'ATTERRISSAGE DESTINE A LA LIVRAISON AUTOMATIQUE D'UN PAQUET PAR UN DRONE**
[72] TREMBLAY, SIMON, CA
[72] BHARUCHA, ERIC, CA
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[54] **APPARATUS FOR USE WITH HAT**
[54] **APPAREIL A UTILISER AVEC UN CHAPEAU**
[72] WILSON, LUKE, CA
[72] GAUDRY, CHAD, CA
[71] WILSON, LUKE, CA
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[54] **SNOW AND ICE REMOVAL APPARATUS**
[54] **APPAREIL D'ENLEVEMENT DE LA NEIGE ET LA GLACE**
[72] STEINBERG, JEFFREY, CA
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[25] EN
[54] **DEVICE, METHOD, AND SYSTEM FOR MANAGING SAFETY COMPLIANCE FOR CONSTRUCTION SITES**
[54] **APPAREIL, METHODE ET SYSTEME DE GESTION DE LA CONFORMITE DE SECURITE DESTINES AUX SITES DE CONSTRUCTION**
[72] URSULAK, DAVID CHRISTOPHER, CA
[71] BARANTAS INC., CA
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[54] **APPAREIL D'EXTRUSION DE BUSE D'IMPRIMANTE 3D GRAND FORMAT**
[72] SZCZUDLO, MACIEK, CA
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[54] **STRUCTURE PIVOTANTE DE STYLO ELECTROCHIRURGICAL**
[72] LIEN, SU-CHU, TW
[71] SHINING WORLD HEALTH CARE CO., LTD., TW
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[54] **HAND-HELD PORTABLE NAVIGATION SYSTEM FOR VISUALLY IMPAIRED PERSONS**
[54] **SYSTEME DE NAVIGATION PORTATIF A MAIN DESTINE AUX PERSONNES HANDICAPEES VISUELLES**
[72] DEANS, ALEXANDER M., CA
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[54] **FILM 3D D'UNE ETINCELLE DE 50 PIEDS**
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[54] **ANTI-SLIP SCREWDRIVER BIT**
[54] **EMBOUT DE TOURNEVIS ANTIDERAPANT**
[72] FORAN, ANDREW JOHN, CA
[71] FORAN, ANDREW JOHN, CA
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[25] EN
[54] **METHODS, PRODUCTS, AND SYSTEMS RELATING TO MAKING, PROVIDING, AND USING NANOCRYSTALLINE (NC) PRODUCTS COMPRISING NANOCRYSTALLINE CELLULOSE (NCC), NANOCRYSTALLINE (NC) POLYMERS AND/OR NANOCRYSTALLINE (NC) PLASTICS OR OTHER NANOCRYSTALS OF CELLULOSE COMPOSITES OR STRUCTURES, IN COMBINATION WITH OTHER MATERIALS**
[54] **METHODES, PRODUITS ET SYSTEMES PORTANT SUR LA FABRICATION, LA FOURNITURE ET L'UTILISATION DE PRODUITS NANOCRISTALLINS RENFERMANT DE LA CELLULOSE NANOCRISTALLINE, DES POLYMERES NANOCRISTALLINS OU DES PLASTIQUES NANOCRISTALLINS OU D'AUTRES NANOCRISTAUX DE COMPOSITES OU STRUCTURES DE CELLULOSE, EN COMBINAISON AVEC D'AUTRES MATERIAUX**
[72] HEATH, STEPHAN, US
[71] HEATH, STEPHAN, US
[22] 2015-07-27
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[25] EN
[54] **SYSTEM AND GARMENT FOR PREVENTING OR INHIBITING PRURITUS WHEN WEARING CERTAIN GARMENTS**
[54] **SYSTEME ET VETEMENT SERVANT A PREVENIR OU EMPECHER LE PRURIT LORS DU PORT DE CERTAINS VETEMENTS**
[72] ADDESI, ANTHONY, CA
[71] ADDESI, ANTHONY, CA
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[54] **TWIST DRILL BIT FOR CREATING TAPPED HOLES IN LIVING TREES**
[54] **FORET EN VRILLE SERVANT A CREER DES TROUS CONIQUES DANS LES ARBRES VIVANTS**
[72] VACHON, LEANDRE, CA
[71] LE GROUPE DSD INC., CA
[22] 2015-07-28
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[51] **Int.Cl. E21B 33/08 (2006.01) E21B 33/03 (2006.01)**
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[54] **STUFFING BOX CONTAINMENT APPARATUS**
[54] **APPAREIL DE CONFINEMENT DE BOITE A GARNITURE**
[72] KING, JAYSON, CA
[71] KING, JAYSON, CA
[22] 2015-07-28
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[51] **Int.Cl. G01R 19/155 (2006.01) H02G 1/02 (2006.01) H02J 15/00 (2006.01)**
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[54] **POWER LINE PROXIMITY SENSING AND WARNING SYSTEM**
[54] **SYSTEME DE DETECTION ET D'AVERTISSEMENT DE PROXIMITE DE FIL ELECTRIQUE**
[72] SMITH, STEPHEN L., US
[72] OLSON, MARK C., US
[72] JOHNSON, RYAN W., US
[71] UNITED SAFETY, INC., US
[22] 2015-07-28
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[25] EN
[54] **CIRCUIT TRACING USING A FOCUSED ION BEAM**
[54] **TRACAGE DE CIRCUIT AU MOYEN D'UN FAISCEAU IONIQUE CONCENTRE**
[72] PAWLOWICZ, CHRISTOPHER, CA
[72] SORKIN, ALEXANDER, CA
[72] KRECHMER, ALEXANDER, CA
[71] TECHINSIGHTS INC., CA
[22] 2015-07-28
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[25] EN
[54] **EXPANDABLE WALL STORAGE SYSTEM**
[54] **SYSTEME DE RANGEMENT MURAL MODULABLE**
[72] LETHAM, ERIC, CA
[71] SOLUTIONS MURALES PROSLAT INC., CA
[22] 2015-07-28
[41] 2017-01-28

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[54] **BIODEGRADABLE DRINK POD**
[54] **DOSETTE DE BOISSON BIODEGRADABLE**
[72] FAHMI, BABAK, CA
[72] MOIER, SHABNAM, CA
[71] FAHMI, BABAK, CA
[71] MOIER, SHABNAM, CA
[22] 2015-07-31
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[25] EN
[54] **HEAT EXCHANGER TUBE AND HEATING BOILER HAVING SUCH A HEAT EXCHANGER TUBE**
[54] **CONDUIT D'ECHANGEUR DE CHALEUR ET CHAUDIERE CHAUFFANTE COMPORTANT UN TEL CONDUIT ECHANGEUR DE CHALEUR**
[72] TELIAN, MARKUS WALTER, AT
[71] HOVAL AKTIENGESELLSCHAFT, LI
[22] 2015-08-06
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[25] EN
[54] **DUMP VALVE ASSEMBLY AND METHOD THEREFOR**
[54] **DISPOSITIF DE CLAPET DE VIDANGE ET METHODE ASSOCIEE**
[72] FORD, MICHAEL BRENT, US
[71] FORD, MICHAEL BRENT, US
[22] 2015-08-04
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[25] EN
[54] **GOALIE STICK WITH DAMPENING ELEMENT**
[54] **BATON DE GARDIEN DE BUT EQUIPE D'UN ELEMENT AMORTISSEUR**
[72] SOLA, MATTHIEU, CA
[72] ALLARD, ERIC, CA
[72] DOWNING, TRAVIS, US
[71] SPORT MASKA INC., CA
[22] 2015-08-06
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[30] US (14/808,559) 2015-07-24

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[25] EN
[54] **CONCEALED-FASTENER EXTERIOR CLADDING PANELS FOR BUILDING CONSTRUCTION**
[54] **PANNEAUX DE REVETEMENT EXTERIEUR A FIXATION CACHEE DESTINES A LA CONSTRUCTION DE BATIMENT**
[72] BOOR, PAUL A., US
[71] LESTER BUILDING SYSTEMS, LLC, US
[22] 2015-07-22
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[25] EN
[54] **KEYBOARD MOUNTING ASSEMBLY**
[54] **ENSEMBLE D'INSTALLATION DE CLAVIER**
[72] DEMSKI, BRIAN M., US
[71] L&P PROPERTY MANAGEMENT COMPANY, US
[22] 2015-08-25
[41] 2017-01-23
[30] US (14/807,540) 2015-07-23

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[51] **Int.Cl. G06Q 50/22 (2012.01) A61J 7/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR AUTOMATED PHARMACEUTICAL DISPENSING**
[54] **METHODES ET SYSTEMES DE DISTRIBUTION AUTOMATISEE DE PRODUITS PHARMACEUTIQUES**
[72] JOPLIN, JONATHAN W., US
[71] EXPRESS SCRIPTS, INC., US
[22] 2015-09-24
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[51] **Int.Cl. A61L 9/04 (2006.01)**
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[54] **SCENT DIFFUSER, METHOD FOR MAKING A SCENT DIFFUSER AND METHOD FOR DIFFUSING A SCENT**
[54] **DIFFUSEUR DE PARFUM, METHODE DE FABRICATION D'UN DIFFUSEUR DE PARFUM ET METHODE DE DIFFUSION D'UN PARFUM**
[72] DESGAGNE, LUC, CA
[72] GALARNEAU, HELENE, CA
[71] DESGAGNE, LUC, CA
[71] GALARNEAU, HELENE, CA
[22] 2015-10-07
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[51] **Int.Cl. G06Q 50/16 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR IDENTIFYING A PROPERTY FOR PURCHASE USING IMAGE PROCESSING**
[54] **METHODE ET SYSTEME D'IDENTIFICATION D'UNE PROPRIETE A VENDRE AU MOYEN DU TRAITEMENT D'IMAGE**
[72] D'SOUZA, ROY, CA
[72] BROWNE, NICOLA, CA
[72] FRITZ, ROISIN LARA, CA
[72] BARNETT, JONATHAN K., CA
[72] LEE, JOHN JONG SUK, CA
[72] CHAN, PAUL MON-WAH, CA
[72] DEL VECCHIO, ORIN, CA
[71] THE TORONTO-DOMINION BANK, CA
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[51] **Int.Cl. G06Q 50/16 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR IDENTIFYING A PROPERTY FOR PURCHASE AND RELATED PRODUCTS AND SERVICES USING IMAGE PROCESSING**
[54] **METHODE ET SYSTEME D'IDENTIFICATION D'UNE PROPRIETE A VENDRE ET DE PRODUITS ET SERVICES ASSOCIES AU MOYEN DU TRAITEMENT D'IMAGE**
[72] D'SOUZA, ROY, CA
[72] BROWNE, NICOLA, CA
[72] FRITZ, ROISIN LARA, CA
[72] BARNETT, JONATHAN K., CA
[72] LEE, JOHN JONG SUK, CA
[72] CHAN, PAUL MON-WAH, CA
[72] DEL VECCHIO, ORIN, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2015-10-30
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[51] **Int.Cl. G01D 21/02 (2006.01) G06Q 10/08 (2012.01) B28B 23/00 (2006.01) B28C 7/02 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND APPARATUS FOR OBTAINING DATA RELATING TO CONDITION AND PERFORMANCE OF CONCRETE MIXTURES**
[54] **SYSTEMES, METHODES ET APPAREILS SERVANT A OBTENIR DES DONNEES RELATIVES A LA CONDITION ET AU RENDEMENT DE MELANGES DE BETON**
[72] RADJY, FARROKH F., US
[71] QUIPIP, LLC, US
[22] 2015-10-28
[41] 2017-01-28
[30] US (14/810,748) 2015-07-28

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[54] **BICYCLE CARRIERS AND SKEWER ASSEMBLIES**
[54] **ENSEMBLES DE PORTE-VELOS ET TIGE**
[72] SETTELMAYER, JOSEPH, SE
[71] THULE SWEDEN AB, SE
[22] 2016-03-11
[41] 2017-01-24
[30] US (14/808,507) 2015-07-24

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[51] **Int.Cl. B60R 9/05 (2006.01)**
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[54] **FAIRING FOR VEHICLE LOAD BAR**
[54] **PROFILAGE DE BARRE DE CHARGE DE VEHICULE**
[72] CLARK, JASON, SE
[72] MCLERAN, IAN, SE
[71] THULE SWEDEN AB, SE
[22] 2016-03-11
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[51] **Int.Cl. E21B 43/16 (2006.01) E21B 29/06 (2006.01) E21B 43/14 (2006.01) E21B 43/17 (2006.01) E21B 43/26 (2006.01) E21B 7/18 (2006.01)**
[25] EN
[54] **DRAIN HOLE DRILLING IN A FRACTURED RESERVOIR**
[54] **FORAGE DE TROU D'EVACUATION DANS UN RESERVOIR FRACTURE**
[72] MAURER, WILLIAM C., US
[71] MAURER, WILLIAM C., US
[22] 2016-04-04
[41] 2017-01-27
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[51] **Int.Cl. F24D 19/10 (2006.01) F16K 31/02 (2006.01) F24D 3/02 (2006.01) H02G 3/04 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **MODULAR TRACK WIRING ASSEMBLY FOR A HYDRONIC SYSTEM**
[54] **DISPOSITIF DE CABLAGE DE RAIL MODULAIRE DESTINE A UN SYSTEME HYDRONIQUE**
[72] O'CONNOR, BRENDAN A., CA
[72] BUNT, BRAD, CA
[71] B2 PRODUCTS LTD., CA
[22] 2016-04-29
[41] 2017-01-28
[30] US (14/811,553) 2015-07-28

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[51] **Int.Cl. G01N 21/25 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR SPECTRAL QUALIFICATION OF FUEL PROPERTIES**
[54] **METHODES ET APPAREILS DE QUALIFICATION SPECTRALE DE PROPRIETES DE CARBURANT**
[72] MERTENS, DANIEL C., US
[71] TESORO REFINING & MARKETING COMPANY LLC, US
[22] 2016-05-02
[41] 2017-01-23
[30] US (62/196,174) 2015-07-23

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[51] **Int.Cl. C08G 75/045 (2016.01) C08G 18/38 (2006.01)**
[25] EN
[54] **NOVEL TRANSPARENT POLYMERS AND METHODS FOR MAKING THE SAME**
[54] **POLYMERES TRANSPARENTS NOUVEAUX ET METHODES DE FABRICATION CONNEXES**
[72] NOWAK, ANDREW P., US
[72] RODRIGUEZ, APRIL R., US
[72] STACHE, ERIN E., US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **COMPOSITES TRANSMISSIVE TO VISUAL AND INFRARED RADIATION AND COMPOSITIONS AND METHODS FOR MAKING THE COMPOSITES**
[54] **COMPOSITES TRANSMISSIFS DANS LE VISIBLE ET LE RAYONNEMENT INFRAROUGE ET COMPOSITIONS ET METHODES DE FABRICATION DES COMPOSITES**
[72] NOWAK, ANDREW P., US
[72] RODRIGUEZ, APRIL R., US
[72] STACHE, ERIN E., US
[71] THE BOEING COMPANY, US
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[51] **Int.Cl. B61F 5/26 (2006.01)**
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[54] **RAILWAY FREIGHT CAR TRUCK WITH TRANSOM**
[54] **WAGON DE MARCHANDISE DOTE D'UNE TRAVERSE**
[72] KESSINGER, DOUG, US
[72] PEETZ, SHAWN, US
[71] AMSTED RAIL COMPANY, INC., US
[22] 2016-05-13
[41] 2017-01-23
[30] US (14/807,371) 2015-07-23

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[13] A1
[51] **Int.Cl. B32B 1/08 (2006.01) F16L 9/02 (2006.01) F16L 9/18 (2006.01)**
[25] EN
[54] **TUBING MATERIAL, DOUBLE WALL STEEL TUBES AND METHOD OF MANUFACTURING A DOUBLE WALL STEEL TUBE**
[54] **MATERIAU DE TUBAGE, TUBES D'ACIER A DOUBLE PAROI ET METHODE DE FABRICATION D'UN TUBE D'ACIER A DOUBLE PAROI**
[72] RAMIREZ, JOSE REYES FLORES, NL
[72] GOPALAN, KRISHNAMACHARI, US
[72] OTREMBA, LYLE, US
[71] COOPER-STANDARD AUTOMOTIVE, INC., US
[22] 2016-05-27
[41] 2017-01-27
[30] US (62/197,112) 2015-07-27
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[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **WIRELESS AND POWERLINE COMMUNICATIONS IN A WELDING-TYPE SYSTEM**
[54] **COMMUNICATIONS SANS FIL ET LIGNE D'ALIMENTATION DANS UN SYSTEME DE TYPE SOUDAGE**
[72] DENIS, MARC LEE, US
[72] PEOTTER, BENJAMIN GENE, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2016-05-27
[41] 2017-01-24
[30] US (14/808,445) 2015-07-24

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[51] **Int.Cl. A45C 13/36 (2006.01) A45C 5/03 (2006.01)**
[25] EN
[54] **CORNERITE DEVICE FOR SUITCASE AND SUITCASE**
[54] **DISPOSITIF DE CORNIERE DESTINE A UNE VALISE ET VALISE**
[72] XU, ZHONGLANG, CN
[71] XU, ZHONGLANG, CN
[22] 2016-06-02
[41] 2017-01-22
[30] CN (CN 201520537209.1) 2015-07-22

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[51] **Int.Cl. F03D 80/70 (2016.01) F03D 15/00 (2016.01)**
[25] EN
[54] **DRIVETRAIN BEARING ARRANGEMENT OF A WIND TURBINE, AND WIND TURBINE**
[54] **AMENAGEMENT DE PALIER D'ENTRAINEMENT D'UNE EOLIENNE ET EOLIENNE**
[72] TREDE, ALF, DE
[71] SENVION GMBH, DE
[22] 2016-06-10
[41] 2017-01-22
[30] DE (10 2015 009 325.8) 2015-07-22

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[51] **Int.Cl. A47J 17/02 (2006.01)**
[25] EN
[54] **PEELER**
[54] **APPAREIL EPLUCHEUR**
[72] GREINER, ULRICH, DE
[71] MOHA MODERNE HAUSHALTWAREN AG, CH
[22] 2016-06-14
[41] 2017-01-28
[30] CH (CH-01095/15) 2015-07-28

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[13] A1
[51] **Int.Cl. H04N 21/431 (2011.01)**
[25] EN
[54] **AGGREGATION SYSTEM FOR GENERATING AND PROVIDING AN ENRICHED PROGRAM SCHEDULE FOR MEDIA CONTENT**
[54] **SYSTEME D'AGREGATION SERVANT A PRODUIRE ET A FOURNIR UN HORAIRE DE PROGRAMMATION ENRICHI POUR UN CONTENU MULTIMEDIA**
[72] POTTIER, ALEXANDRE, FR
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-06-21
[41] 2017-01-27
[30] US (14/809,409) 2015-07-27

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[13] A1
[51] **Int.Cl. H01H 33/08 (2006.01) H01H 9/02 (2006.01) H01H 71/02 (2006.01)**
[25] EN
[54] **ELECTRICAL SWITCHING APPARATUS AND HOUSING ASSEMBLY THEREFOR**
[54] **APPAREIL DE COMMUTATION ELECTRIQUE ET ENSEMBLE DE LOGEMENT ASSOCIE**
[72] MALONEY, JAMES GERARD, US
[72] CLARK, JOHN THOMAS, US
[71] EATON CORPORATION, US
[22] 2016-06-23
[41] 2017-01-28
[30] US (14/810,602) 2015-07-28

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[51] **Int.Cl. H05K 7/10 (2006.01) H04W 84/00 (2009.01) H04N 21/40 (2011.01) H02B 1/06 (2006.01) H04M 11/00 (2006.01)**
[25] EN
[54] **ELECTRONIC DEVICE AND LOAD CENTER INCLUDING THE SAME**
[54] **APPAREIL ELECTRONIQUE ET MODULE DE CHARGEMENT COMPORTANT LEDIT APPAREIL**
[72] ELDRIDGE, DAVID AUSTIN, US
[72] MUELLER, MAXIMILIAN ABEL, US
[72] THOMPSON, RONALD LEE, US
[71] EATON CORPORATION, US
[22] 2016-06-23
[41] 2017-01-24
[30] US (14/808,045) 2015-07-24

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[13] A1
[51] **Int.Cl. E21B 37/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CLEANING WELLS AND PIPE LINES**
[54] **APPAREIL ET METHODE DE NETTOYAGE DE PUITS ET DE PIPELINES**
[72] VANDIGRIFF, JOHN EDWARD, US
[72] ORBECK, EINAR ARVID, US
[71] VANDIGRIFF, JOHN EDWARD, US
[71] ORBECK, EINAR ARVID, US
[22] 2016-06-27
[41] 2017-01-27
[30] US (14/756,046) 2015-07-27

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[13] A1
[51] **Int.Cl. A61B 17/115 (2006.01) A61B 17/00 (2006.01) A61B 17/068 (2006.01)**
[25] EN
[54] **LOADING UNIT LOCKING BAND FOR SURGICAL STAPLING INSTRUMENT**
[54] **BANDE DE BLOCAGE D'UN MODULE DE CHARGEMENT DESTINE \ UN INSTRUMENT D'AGRAFAGE CHIRURGICAL**
[72] SCIRICA, PAUL, US
[72] PENNA, CHRISTOPHER, US
[72] WILLIAMS, JUSTIN, US
[72] MOZDZIERZ, PATRICK, US
[71] COVIDIEN LP, US
[22] 2016-06-27
[41] 2017-01-22
[30] US (14/805,547) 2015-07-22

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[13] A1
[51] **Int.Cl. A61B 17/115 (2006.01)**
[25] EN
[54] **ANVIL ASSEMBLY AND ANVIL ASSEMBLY DELIVERY SYSTEM**
[54] **ASSEMBLAGE D'ENCLUME ET MECANISMES DE DISTRIBUTION D'ASSEMBLAGE D'ENCLUME**
[72] WILLIAMS, JUSTIN, US
[71] COVIDIEN LP, US
[22] 2016-06-28
[41] 2017-01-24
[30] US (14/808,467) 2015-07-24

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[13] A1
[51] **Int.Cl. E21B 17/05 (2006.01) F16D 3/16 (2006.01)**
[25] EN
[54] **UNIVERSAL JOINT**
[54] **JOINT UNIVERSEL**
[72] MAW, JASON, CA
[72] ST. PIERRE, BEAU J., US
[72] CASAD, CHRISTOPHER M., US
[71] ULTERRA DRILLING TECHNOLOGIES, L.P., US
[22] 2016-06-29
[41] 2017-01-24
[30] US (62/196,630) 2015-07-24

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[13] A1
[51] **Int.Cl. G06F 9/445 (2006.01) G06F 21/51 (2013.01) G06F 21/57 (2013.01)**
[25] EN
[54] **INTEGRITY ASSURANCE THROUGH EARLY LOADING IN THE BOOT PHASE**
[54] **ASSURANCE D'INTEGRITE PAR CHARGEMENT PRECOCE EN PHASE D'AMORCAGE**
[72] IONESCU, ION-ALEXANDRU, US
[71] CROWDSTRIKE, INC., US
[22] 2016-06-27
[41] 2017-01-28
[30] US (14/810,840) 2015-07-28

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[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/068 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **TROCAR TIP PROTECTOR**
[54] **PROTECTEUR DE POINTE DE TROCART**
[72] CABRERA, RAMIRO, US
[72] PAUL, STEPHEN, US
[72] VALENTINE, DAVID, US
[71] COVIDIEN LP, US
[22] 2016-06-29
[41] 2017-01-28
[30] US (14/810,979) 2015-07-28

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[13] A1
[51] **Int.Cl. B60J 5/06 (2006.01) B60J 5/00 (2006.01) B60J 5/12 (2006.01)**
[25] EN
[54] **DOOR ASSEMBLY FOR VEHICLES**
[54] **ASSEMBLAGE DE PORTE DE VEHICULES**
[72] HOLVERSON, ANDREW, US
[72] BYERLEY, MARK D., US
[71] MONROE TRUCK EQUIPMENT, INC., US
[22] 2016-06-30
[41] 2017-01-23
[30] US (14/807,256) 2015-07-23

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[51] **Int.Cl. H04W 8/24 (2009.01) H04W 12/06 (2009.01) G06K 7/00 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **MOBILE COMMUNICATION DEVICE AND CLOUD-BASED COMPUTER SYSTEM**
[54] **DISPOSITIF DE COMMUNICATION MOBILE ET SYSTEME INFORMATIQUE FONDE SUR LE NUAGE**
[72] PLUSS, MARCEL, CH
[71] LEGIC IDENTSYSTEMS AG, CH
[22] 2016-07-05
[41] 2017-01-23
[30] CH (01077/15) 2015-07-23

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[25] EN
[54] **LOADING UNIT LOCKING COLLAR**
[54] **COLLIER DE BLOCAGE DE MODULE DE CHARGEMENT**
[72] SGROI, ANTHONY, JR., US
[72] PENNA, CHRISTOPHER, US
[71] COVIDIEN LP, US
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[41] 2017-01-28
[30] US (14/810,811) 2015-07-28

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[25] EN
[54] **TOPICAL DELIVERY OF SKIN COMPOSITIONS HAVING LOW PH**
[54] **DISTRIBUTION TOPIQUE DE COMPOSITIONS CUTANEES A FAIBLE PH**
[72] BRILLOUET, ANNE-SOPHIE, US
[72] DUFORT, MARISA DEVITA, US
[72] FASSIH, ALI, US
[72] GARCIA, DEVIN L., US
[72] HU, YA-PING, US
[72] LI, WEN-HWA TING, US
[72] PARSA, RAMINE, US
[72] PATURI, JYOTSNA, US
[72] ROSSETTI, DIANNE, US
[72] SUN, YING, US
[72] WANGARI-TALBOT, JANET, US
[72] YATES, ROBERT WAYNE, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[22] 2016-07-07
[41] 2017-01-23
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[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR INTERFACING A CERAMIC MATRIX COMPOSITE COMPONENT TO A METALLIC COMPONENT**
[54] **METHODE ET SYSTEME DE JOINTAGE D'UNE COMPOSANTE EN COMPOSITE A MATRICE CERAMIQUE ET D'UNE COMPOSANTE METALLIQUE**
[72] HEITMAN, BRYCE LORING, US
[72] SENILE, DARRELL GLENN, US
[72] TUERTSCHER, MICHAEL RAY, US
[72] PHELPS, GREG SCOTT, US
[72] FEIE, BRIAN GREGG, US
[72] MURPHY, STEVEN JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-07
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[30] US (14/808,000) 2015-07-24

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[51] **Int.Cl. C09J 7/02 (2006.01) B65H 19/18 (2006.01) B65H 21/00 (2006.01)**
[25] EN
[54] **ADHESIVE TAPE FOR FLYING SPLICE**
[54] **RUBAN ADHESIF DESTINE AUX REPARATIONS DE JOINT SUR PLACE**
[72] CZERWONATIS, NIELS, DE
[72] GOTZ, KERSTIN, DE
[72] NOOTBAAR, JENS, DE
[72] WALPER, MARCO, DE
[71] TESA SE, DE
[22] 2016-07-08
[41] 2017-01-27
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[51] **Int.Cl. F04D 7/04 (2006.01) F04D 15/00 (2006.01) F04D 29/16 (2006.01) F04D 29/40 (2006.01)**
[25] EN
[54] **PUMP FOR THE CONVEYANCE OF A FLUID WITH VARYING VISCOSITY**
[54] **POMPE DESTINEE AU TRANSPORT D'UN FLUIDE A VISCOSITE VARIABLE**
[72] FELIX, THOMAS, CH
[72] GASSMANN, SIMON, CH
[72] WELSCHINGER, THOMAS, DE
[71] SULZER MANAGEMENT AG, CH
[22] 2016-07-08
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[51] **Int.Cl. F02C 7/22 (2006.01) F02C 7/224 (2006.01)**
[25] EN
[54] **FUEL FILTER AND BYPASS VALVE ARRANGEMENT**
[54] **ASSEMBLAGE DE FILTRE DE CARBURANT ET DE VANNE DE DERIVATION**
[72] TURCOTTE, HERVE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-08
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[51] **Int.Cl. B25F 5/00 (2006.01) A61B 17/00 (2006.01) A61B 17/16 (2006.01) A61B 17/92 (2006.01) B25B 21/00 (2006.01) B25B 21/02 (2006.01)**
[25] EN
[54] **MEDICAL IMPACTOR TOOL**
[54] **OUTIL IMPACTEUR MEDICAL**
[72] PEDICINI, CHRISTOPHER, US
[72] JOHNSON, HENRY THOMAS, US
[72] WILLIAMS, BRIAN ALBERT, US
[72] SMITH, ISIAH DANIEL, US
[71] AC (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[71] PEDICINI, CHRISTOPHER, US
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[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **INTEGRATED STRUT-VANE NOZZLE (ISV) WITH UNEVEN VANE AXIAL CHORDS**
[54] **JAMBE DE FORCE ET BUSE INTEGREES A CORDONS AXIAUX DE BUSE INEGAUX**
[72] TSIFOURDARIS, PANAGIOTA, CA
[72] VLASIC, EDWARD, CA
[72] DOYON, FRANCOIS, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-08
[41] 2017-01-24
[30] US (62/196,486) 2015-07-24
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[13] A1
[51] **Int.Cl. F23R 3/50 (2006.01) B23P 15/00 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE COMBUSTOR AND METHOD OF FORMING SAME**
[54] **COMBUSTOR DE MOTEUR DE TURBINE A GAZ ET METHODE DE FACONNAGE ASSOCIEE**
[72] SREEKANTH, SRI, CA
[72] MACCAUL, DOUGLAS, CA
[72] HAWIE, EDUARDO, CA
[72] DINU, ION, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[41] 2017-01-24
[30] US (14/808,456) 2015-07-24

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 50/34 (2012.01) G07C 15/00 (2006.01)**
[25] EN
[54] **METHOD OF MANAGING A LOTTERY**
[54] **METHODE DE GESTION D'UNE LOTERIE**
[72] CHHABRA, AMIT, CA
[72] WAREHAM, DARREN M., CA
[72] SANKEY, JAMES M., CA
[71] POLLARD BANKNOTE LIMITED, CA
[22] 2016-07-12
[41] 2017-01-24
[30] US (14808416) 2015-07-24

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[51] **Int.Cl. F01D 25/28 (2006.01) F02C 7/20 (2006.01) F16B 39/10 (2006.01)**
[25] EN
[54] **SPOKE LOCKING ARCHITECTURE**
[54] **ARCHITECTURE D'AILETTE BLOCANTE**
[72] LEFEBVRE, GUY, CA
[72] PIETROBON, JOHN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-12
[41] 2017-01-24
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[51] **Int.Cl. F01D 25/16 (2006.01) F01D 25/28 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **SPOKE MOUNTING ARRANGEMENT**
[54] **ASSEMBLAGE D'INSTALLATION D'AILETTE**
[72] LEFEBVRE, GUY, CA
[72] SYNNOTT, REMY, CA
[72] PIETROBON, JOHN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-12
[41] 2017-01-24
[30] US (62/196,360) 2015-07-24
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[51] **Int.Cl. B62D 63/04 (2006.01) B60P 3/025 (2006.01)**
[25] EN
[54] **A MULTI-FUNCTIONAL CARRIAGE**
[54] **UN CHARIOT MULTIFONCTIONNEL**
[72] MAZZOLI, WILLIAM, IT
[71] WM SYSTEM SRL, IT
[22] 2016-07-13
[41] 2017-01-24
[30] IT (10 2015 000037968) 2015-07-24

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[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F01D 25/16 (2006.01) F01D 25/28 (2006.01) F02C 7/06 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **MULTIPLE SPOKE COOLING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE REFROIDISSEMENT MULTI AILETTE**
[72] LEFEBVRE, GUY, CA
[72] SYNNOTT, REMY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-13
[41] 2017-01-24
[30] US (62/196,500) 2015-07-24
[30] US (62/196,380) 2015-07-24
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[51] **Int.Cl. F01D 25/12 (2006.01) F01D 25/16 (2006.01) F01D 25/28 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **MID-TURBINE FRAME SPOKE COOLING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE REFROIDISSEMENT MULTI AILETTE DE CHASSIS MI-TURBINE**
[72] LEFEBVRE, GUY, CA
[72] SYNNOTT, REMY, CA
[72] PIETROBON, JOHN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-13
[41] 2017-01-24
[30] US (62/196,380) 2015-07-24
[30] US (62/196,368) 2015-07-24
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[51] **Int.Cl. G08B 19/00 (2006.01) G08B 21/02 (2006.01)**
[25] EN
[54] **INDIVIDUAL EVACUATION PLAN GENERATION AND NOTIFICATION VIA SMART/WEARABLE DEVICES BY POSITIONING AND PREDICTING EMERGENCIES INSIDE A BUILDING**
[54] **PRODUCTION D'UN PLAN D'EVACUATION INDIVIDUEL ET NOTIFICATION AU MOYEN DE DISPOSITIFS INTELLIGENTS/PORTABLES PAR POSITIONNEMENT ET PREDICTION D'URGENCES A L'INTERIEUR D'UN BATIMENT**
[72] JOSEPH, VIBGY, US
[72] MARAKKANNU, SAKTHI PRAKASH, US
[72] SIVAKUMAR, BALAJI BHATHEY, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-07-13
[41] 2017-01-27
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[25] EN
[54] **AQUEOUS DISPERSION OF HYDROPHOBICALLY MODIFIED PIGMENT PARTICLES**
[54] **DISPERSION AQUEUSE DE PARTICULES DE PIGMENT MODIFIEES HYDROPHOBIQUEMENT**
[72] JANKOLOVITS, JOSEPH, US
[72] KATZ, ALEXANDER, US
[72] BOHLING, JAMES CHARLES, US
[72] RADKE, CLAYTON J., US
[72] VAN DYK, ANTONY, US
[72] ROPER, JOHN A., III, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[22] 2016-07-18
[41] 2017-01-23
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[51] **Int.Cl. C09D 11/38 (2014.01) B41J 2/01 (2006.01)**
[25] EN
[54] **ANTI-BACTERIAL AQUEOUS INK COMPOSITIONS COMPRISING METAL ION COMPOSITE IONOMER RESINS**
[54] **COMPOSITIONS D'ENCRE AQUEUSE ANTIBACTERIENNE RENFERMANT DES RESINES IONOMERES COMPOSITES A ION METALLIQUE**
[72] FARRUGIA, VALERIE M., CA
[72] CHI, WENDY, CA
[71] XEROX CORPORATION, US
[22] 2016-07-18
[41] 2017-01-23
[30] US (14/807127) 2015-07-23

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[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **WEAR MEMBER RETENTION SYSTEM FOR AN IMPLEMENT**
[54] **MECANISME DE RETENUE D'ELEMENT D'USURE DESTINE A UN ACCESSOIRE**
[72] TASOVSKI, VASIL SLOBODAN, US
[71] CATERPILLAR INC., US
[22] 2016-07-18
[41] 2017-01-24
[30] US (14/808,724) 2015-07-24

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[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **CLOUD-BASED MULTI-LAYER SECURITY ARCHITECTURE WITH HUB AND SPOKE DEVELOPMENT ENVIRONMENT**
[54] **ARCHITECTURE DE SECURITE MULTICOUCHE NUAGIQUE COMPORTANT UN ENVIRONNEMENT DE DEVELOPPEMENT EN ETOILE**
[72] RYAN, JEFFREY STANFORD, US
[72] STEVENSON, JOHN, US
[72] NAHHAS, BAHIJ, US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-07-19
[41] 2017-01-24
[30] US (62/196,784) 2015-07-24
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[13] A1
[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/28 (2006.01) F01D 9/04 (2006.01)**
[25] EN
[54] **COMPOSITE COMPRESSOR VANE OF AN AXIAL TURBOMACHINE**
[54] **AILETTE DE COMPRESSEUR EN COMPOSITE DESTINEE A UNE TURBOMACHINE A FLUX AXIAL**
[72] ENGLEBERT, ERIC, BE
[71] SAFRAN AERO BOOSTERS SA, BE
[22] 2016-07-19
[41] 2017-01-22
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[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **WEAR MEMBER RETENTION SYSTEM FOR AN IMPLEMENT**
[54] **MECANISME DE RETENUE D'ELEMENT D'USURE DESTINE A UN ACCESSOIRE**
[72] TASOVSKI, VASIL SLOBODAN, US
[71] CATERPILLAR INC., US
[22] 2016-07-18
[41] 2017-01-24
[30] US (14/808,758) 2015-07-24

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[51] **Int.Cl. F23J 3/02 (2006.01) F28G 1/08 (2006.01) F28G 15/02 (2006.01) F28G 15/04 (2006.01)**
[25] EN
[54] **FIRETUBE SCRAPER**
[54] **RACLEUR DE TUBE DE FUMEE**
[72] KREWULAK, KEN, CA
[72] SCOTT, STEPHEN, CA
[72] FIOLKA, KYLE, CA
[72] BUCHOLTZ, MICHAEL, CA
[71] CANADIAN NATURAL RESOURCES LIMITED, CA
[22] 2016-07-20
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[51] **Int.Cl. B65F 1/08 (2006.01)**
[25] EN
[54] **WASTE BIN LINERS AND METHODS OF USE**
[54] **REVETEMENTS INTERIEURS DE POUBELLE ET METHODES D'UTILISATION**
[72] MCBRIDE, BRANDON T., CA
[71] MCBRIDE, BRANDON T., CA
[22] 2016-07-20
[41] 2017-01-22
[30] US (62195697) 2015-07-22
[30] US (62250086) 2015-11-03
[30] US (62317133) 2016-04-01

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[51] **Int.Cl. A47G 19/03 (2006.01) A47G 23/06 (2006.01) B65D 1/36 (2006.01) B65D 21/032 (2006.01)**
[25] EN
[54] **DISPOSABLE TRAY**
[54] **PLATEAU JETABLE**
[72] GARTZ, MARK R., US
[72] KIRKLAND, H. BERNARD, US
[71] PACTIV LLC, US
[22] 2016-07-20
[41] 2017-01-22
[30] US (14/805,752) 2015-07-22

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[13] A1
[51] **Int.Cl. H01M 8/04858 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] MATSUSUE, MASAAKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2016-07-20
[41] 2017-01-23
[30] JP (2015-146198) 2015-07-23

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[13] A1
[51] **Int.Cl. H02G 3/02 (2006.01) F16L 3/02 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **CABLE GUIDE FOR WIRE BASKET CABLE TRAY**
[54] **GUIDE CABLE DESTINE A UN PLATEAU DE CABLE DE PANIER EN FIL**
[72] THOMPSON, STEPHEN NATHANIEL, US
[72] SHELTON, TRAVIS COLE, US
[72] RAVILLA, MOHAN, US
[71] COOPER TECHNOLOGIES COMPANY, US
[22] 2016-07-20
[41] 2017-01-27
[30] US (14/809,692) 2015-07-27

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) C04B 35/80 (2006.01)**
[25] EN
[54] **NOZZLE AND NOZZLE ASSEMBLY FOR GAS TURBINE ENGINE**
[54] **BUSE ET MECANISME DE BUSE DESTINES A UNE TURBINE A GAZ**
[72] HEITMAN, BRYCE LORING, US
[72] PHELPS, GREG SCOTT, US
[72] SENILE, DARRELL GLENN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-21
[41] 2017-01-24
[30] US (14/807,998) 2015-07-24

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[13] A1
[51] **Int.Cl. F01D 25/24 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01) F04D 29/52 (2006.01) F04D 29/58 (2006.01)**
[25] EN
[54] **FAN CASING ASSEMBLIES AND METHOD OF MOUNTING A COOLER TO A FAN CASING**
[54] **ENSEMBLES DE BOITIER DE VENTILATEUR ET METHODE D'INSTALLATION D'UN REFROIDISSEUR DANS UN LOGEMENT DE VENTILATEUR**
[72] DREISCHARF, DEREK THOMAS, US
[72] LUSCHEK, BERNARD ALBERT, US
[72] HUNDLEY, WALTER ARTHUR, US
[71] UNISON INDUSTRIES, LLC, US
[22] 2016-07-21
[41] 2017-01-23
[30] US (14/807,046) 2015-07-23

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[13] A1
[51] **Int.Cl. F01D 25/18 (2006.01) F01D 25/16 (2006.01) F01D 25/20 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE FRAME ASSEMBLY**
[54] **ENSEMBLE DE BATI DE TURBINE A GAZ**
[72] MILLER, BRANDON WAYNE, US
[72] SCHMIDT, RICHARD, US
[72] NIERGARTH, DANIEL ALAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-21
[41] 2017-01-27
[30] US (14/809,560) 2015-07-27

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[13] A1
[51] **Int.Cl. F02C 7/28 (2006.01) C09K 3/10 (2006.01)**
[25] EN
[54] **SEALS WITH A CONFORMABLE COATING FOR TURBOMACHINERY**
[54] **JOINTS DOTES D'UN REVETEMENT CONFORME DESTINES A LA TURBOMACHINERIE**
[72] MARIN, ANTHONY CHRISTOPHER, US
[72] VENKATARAMANI, VENKAT SUBRAMANIAM, US
[72] SARAWATE, NEELESH NANDKUMAR, US
[72] SEVINCER, EDIP, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-21
[41] 2017-01-28
[30] US (14/810,672) 2015-07-28

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[13] A1
[51] **Int.Cl. A24C 5/40 (2006.01) A24F 17/00 (2006.01)**
[25] EN
[54] **WATERPROOF DISPENSING APPARATUS FOR ROLLING PAPER**
[54] **APPAREIL DE DISTRIBUTION ETANCHE DE PAPIER EN ROULEAU**
[72] LITTLEJOHNS, JACOB T., US
[72] CLEMENT, ANDREW J., US
[71] LITTLEJOHNS, JACOB T., US
[22] 2016-07-21
[41] 2017-01-22
[30] US (62/195,362) 2015-07-22

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[13] A1
[51] **Int.Cl. C13K 1/06 (2006.01) C11B 1/10 (2006.01) C12P 7/02 (2006.01) C12P 7/06 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PRODUCING A SUGAR STREAM**
[54] **SYSTEMES ET METHODES DE PRODUCTION D'UN FLUX DE SUCRE**
[72] JAKEL, NEAL, US
[72] FRANKO, MICHAEL, US
[72] KWIK, JOHN, US
[72] WHALEN, ANDREW, US
[71] FLUID QUIP PROCESS TECHNOLOGIES, LLC, US
[22] 2016-07-21
[41] 2017-01-23
[30] US (62/196,108) 2015-07-23
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[13] A1
[51] **Int.Cl. E06B 9/307 (2006.01) E06B 9/32 (2006.01)**
[25] EN
[54] **SEPARABLE TILTING DEVICE**
[54] **DISPOSITIF D'INCLINAISON SEPARABLE**
[72] NIEN, CHAO-HUNG, TW
[72] CHANG, CHIH-YAO, TW
[72] YUAN, WEI-XUE, TW
[71] NIEN MADE ENTERPRISE CO., LTD., TW
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[51] **Int.Cl. C07F 17/02 (2006.01) B01J 31/00 (2006.01) C07C 67/38 (2006.01)**
[25] EN
[54] **FERROCENE-BASED COMPOUNDS AND PALLADIUM CATALYSTS BASED THEREON FOR THE ALKOXYCARBONYLATION OF ETHYLENICALLY UNSATURATED COMPOUNDS**
[54] **COMPOSES A BASE DE FERROCENE ET CATALYSEURS AU PALLADIUM FONDES SUR DE TELS COMPOSES EN VUE DE L'ALCOCARBONYLATION DES COMPOSES INSATURES ETHYLENIQUEMENT**
[72] DONG, KAIWU, CN
[72] NEUMANN, HELFRIED, DE
[72] JACKSTELL, RALF, DE
[72] BELLER, MATTHIAS, DE
[72] FRANKE, ROBERT, DE
[72] HESS, DIETER, DE
[72] DYBALLA, KATRIN MARIE, DE
[72] FRIDAG, DIRK, DE
[72] GEILEN, FRANK, DE
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[51] **Int.Cl. C07F 9/58 (2006.01) C07F 15/00 (2006.01)**
[25] EN
[54] **BENZENE-BASED DIPHOSPHINE LIGANDS FOR ALKOXYCARBONYLATION**
[54] **LIANTS DE DIPHOSPHINE A BASE DE BENZENE DESTINES A L'ALCOXYCARBONYLATION**
[72] DONG, KAIWU, CN
[72] NEUMANN, HELFRIED, DE
[72] JACKSTELL, RALF, DE
[72] BELLER, MATTHIAS, DE
[72] FRANKE, ROBERT, DE
[72] HESS, DIETER, DE
[72] DYBALLA, KATRIN MARIE, DE
[72] FRIDAG, DIRK, DE
[72] GEILEN, FRANK, DE
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[25] EN
[54] **LATCHING MECHANISHM FOR A BATTERY PACK**
[54] **MECANISME DE VERROU DESTINE A UN BLOC PILE**
[72] ALTENBURGER, RYAN, US
[72] GREGORICH, BRENT, US
[72] BUCKNER, MICHAEL, US
[71] AC (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2016-07-21
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[51] **Int.Cl. H04L 12/24 (2006.01) G06Q 10/06 (2012.01) H04L 12/28 (2006.01)**
[25] EN
[54] **SYSTEM FOR DEVELOPMENT OF IOT SYSTEM ARCHITECTURE**
[54] **SYSTEME DE DEVELOPPEMENT D'UNE ARCHITECTURE SYSTEME IOT**
[72] KAULGUD, VIKRANT S., IN
[72] BHOLA, ADITYA, IN
[72] SUBRAMANIAN, VENKATESH, IN
[72] BASHA NURE, SUBANI, IN
[72] SHARMA, VIBHU SAUJANYA, IN
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-07-21
[41] 2017-01-24
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[51] **Int.Cl. F04D 17/08 (2006.01) F04D 25/08 (2006.01) F04D 29/62 (2006.01) F24F 7/007 (2006.01)**
[25] EN
[54] **AUTOMATIC FAN INLET CLOSURE APPARATUS AND METHODS**
[54] **MECANISME DE FERMETURE AUTOMATIQUE D'ENTREE DE VENTILATEUR ET METHODES**
[72] HUSTVEDT, DAVID, US
[72] MILLS, JERRY, US
[71] ACOUSTIFLO, LTD., US
[22] 2016-07-20
[41] 2017-01-28
[30] US (62/282149) 2015-07-28
[30] US (15/190013) 2016-06-22

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[13] A1
[51] **Int.Cl. E06B 3/66 (2006.01) B60J 1/00 (2006.01) E06B 3/04 (2006.01) E06B 5/10 (2006.01)**
[25] EN
[54] **WINDOW SYSTEM**
[54] **SYSTEME DE FENETRE**
[72] STATON, FIELDING B., US
[71] STATON, FIELDING B., US
[22] 2016-07-21
[41] 2017-01-23
[30] US (14/807,331) 2015-07-23

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/053 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **SURFACE REGISTRATION OF A CT IMAGE WITH A MAGNETIC TRACKING SYSTEM**
[54] **ENREGISTREMENT DE SURFACE D'UNE IMAGE CT AU MOYEN D'UN SYSTEME DE SUIVI MAGNETIQUE**
[72] GLINER, VADIM, IL
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-07-21
[41] 2017-01-23
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[51] **Int.Cl. B23D 79/00 (2006.01)**
[25] EN
[54] **PIPE BEVELING TOOL**
[54] **OUTIL DE BISEAUTAGE DE TUYAU**
[72] BENOIT, HUGO, CA
[71] BENOIT, HUGO, CA
[22] 2016-07-22
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[13] A1
[51] **Int.Cl. B65D 30/10 (2006.01)**
[25] EN
[54] **PLASTIC BAG AND PLASTIC BAG MAKING APPARATUS**
[54] **SAC DE PLASTIQUE ET APPAREIL DE FABRICATION D'UN SAC DE PLASTIQUE**
[72] TOTANI, MIKIO, JP
[71] TOTANI CORPORATION, JP
[22] 2016-07-21
[41] 2017-01-24
[30] JP (2015-146422) 2015-07-24

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[13] A1
[51] **Int.Cl. A23C 9/12 (2006.01) A23C 9/142 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING LACTOSE-FREE DAIRY PRODUCTS (I)**
[54] **PROCEDE DE PRODUCTION DE PRODUITS LAITIERS SANS LACTOSE (I)**
[72] DORING, SVEN-RAINER, DE
[72] ASCHEMANN, JAN, DE
[72] OEHLCKERS, THORBEN, DE
[71] DMK DEUTSCHES MILCHKONTOR GMBH, DE
[22] 2016-07-21
[41] 2017-01-25
[30] EP (15 178 393.3) 2015-07-25

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[51] **Int.Cl. A23C 9/12 (2006.01) A23C 9/142 (2006.01) A23C 9/15 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING LACTOSE-FREE DAIRY PRODUCTS (II)**
[54] **PROCEDE DE PRODUCTION DE PRODUITS LAITIERS SANS LACTOSE (II)**
[72] DORING, SVEN-RAINER, DE
[72] ASCHEMANN, JAN, DE
[72] OEHLCKERS, THORBEN, DE
[71] DMK DEUTSCHES MILCHKONTOR GMBH, DE
[22] 2016-07-21
[41] 2017-01-25
[30] EP (15 178 394.1) 2015-07-25

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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **DOWNHOLE SWITCH ASSEMBLIES AND METHODS**
[54] **MECANISMES DE COMMUTATEUR DE FOND TROU ET METHODE**
[72] DONG, DONG, US
[72] CAIAFA, ANTONIO, US
[72] AGAMY, MOHAMMED, US
[72] ELASSER, AHMED, US
[72] CIOFFI, PHILIP MICHAEL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-22
[41] 2017-01-24
[30] US (14/808,783) 2015-07-24

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[51] **Int.Cl. B62D 24/00 (2006.01) B62D 21/00 (2006.01) B62D 21/18 (2006.01)**
[25] EN
[54] **LIGHTWEIGHT STRUCTURAL JOINER**
[54] **JOINT STRUCTURAL LEGER**
[72] KUMAR, ANJANI, US
[72] PATEL, MITESHKUMAR HASMUKHLAL, US
[72] LAROSE, PAUL, US
[71] NEW ENGLAND WHEELS, INC., US
[22] 2016-07-22
[41] 2017-01-23
[30] US (14/806,730) 2015-07-23

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[13] A1
[51] **Int.Cl. E01C 5/00 (2006.01) E01C 15/00 (2006.01) E04C 1/00 (2006.01)**
[25] EN
[54] **PATIO BLOCKS AND BLOCK SYSTEMS WITH SIDE SURFACE POSITIONING AND RETAINING STRUCTURES**
[54] **BLOCS DE TERRASSE ET SYSTEMES DE BLOCS DOTES DE STRUCTURES DE POSITIONNEMENT ET FIXATION DE SURFACE LATERALE**
[72] LUNDELL, ROBERT JOHN, US
[72] MACDONALD, ROBERT A., US
[71] KEYSTONE RETAINING WALL SYSTEMS LLC, US
[22] 2016-07-21
[41] 2017-01-22
[30] US (62/195476) 2015-07-22

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[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) A61B 5/00 (2006.01) H04L 12/58 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **BIOMEDICAL DEVICES FOR BIOMETRIC BASED INFORMATION COMMUNICATION**
[54] **DISPOSITIFS MEDICAUX DE COMMUNICATION D'INFORMATION FONDEE SUR LA BIOMETRIE**
[72] FLITSCH, FREDERICK A., US
[72] GANZALEZ, JORGE, US
[72] PUGH, RANDALL B., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2016-07-22
[41] 2017-01-24
[30] US (62/196,513) 2015-07-24
[30] US (15/006,370) 2016-01-26
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[51] **Int.Cl. H04W 4/12 (2009.01) H04W 12/08 (2009.01) A61B 5/00 (2006.01) G01J 1/00 (2006.01) G01K 1/02 (2006.01) G01T 1/02 (2006.01) H04W 4/22 (2009.01)**
[25] EN
[54] **BIOMEDICAL DEVICES FOR SENSING EXPOSURE EVENTS FOR BIOMETRIC BASED INFORMATION COMMUNICATION**
[54] **DISPOSITIFS BIOMEDICAUX DE DETECTION D'EVENEMENTS D'EXPOSITION A DES FINS DE COMMUNICATION D'INFORMATION FONDEE SUR LA BIOMETRIE**
[72] FLITSCH, FREDERICK A., US
[72] GONZALEZ, JORGE, US
[72] PUGH, RANDALL B., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2016-07-22
[41] 2017-01-24
[30] US (15/006,370) 2016-01-26
[30] US (15/189,280) 2016-06-22
[30] US (62/196,513) 2015-07-24

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[51] **Int.Cl. A61B 5/00 (2006.01) H04W 4/12 (2009.01) H04W 84/18 (2009.01) G06Q 30/02 (2012.01) A61B 5/021 (2006.01) A61B 5/024 (2006.01) A61B 5/08 (2006.01) A61B 5/107 (2006.01) A61B 5/145 (2006.01)**
[25] EN
[54] **SYSTEMS AND BIOMEDICAL DEVICES FOR SENSING AND FOR BIOMETRIC BASED INFORMATION COMMUNICATION**
[54] **SYSTEMES ET DISPOSITIFS BIOMEDICAUX DE DETECTION A DES FINS DE COMMUNICATION D'INFORMATION FONDEE SUR LA BIOMETRIE**
[72] FLITSCH, FREDERICK A., US
[72] GONZALEZ, JORGE, US
[72] PUGH, RANDALL B., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2016-07-22
[41] 2017-01-24
[30] US (15/006,370) 2016-01-26
[30] US (15/198,278) 2016-06-30
[30] US (62/196,513) 2015-07-24

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[51] **Int.Cl. G06Q 50/22 (2012.01) G08B 21/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR NEAR-REAL OR REAL-TIME CONTACT TRACING**
[54] **SYSTEMES ET METHODES DE TRACAGE DE CONTACT EN TEMPS REEL OU QUASI REEL**
[72] MALAVIYA, SANJAY, CA
[71] RADICALOGIC TECHNOLOGIES, INC. DBA RL SOLUTIONS, CA
[22] 2016-07-22
[41] 2017-01-22
[30] US (62/195,345) 2015-07-22

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[13] A1
[51] **Int.Cl. A62B 35/00 (2006.01) E01D 18/00 (2006.01) E04G 21/32 (2006.01)**
[25] EN
[54] **GANGWAY HAVING POSITION LOCKING ASSEMBLY**
[54] **PASSAGE COMPORTANT UN MECANISME DE BLOCAGE DE POSITION**
[72] LAWSON, JOHN RUTLEDGE, US
[72] DANIEL, JAMES PIERCE, III, US
[71] SAFE RACK, LLC, US
[22] 2016-07-22
[41] 2017-01-22
[30] US (62/195,679) 2015-07-22

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) H04W 4/00 (2009.01) H04W 76/00 (2009.01)**
[25] EN
[54] **BIOMEDICAL DEVICES FOR REAL TIME MEDICAL CONDITION MONITORING USING BIOMETRIC BASED INFORMATION COMMUNICATON**
[54] **DISPOSITIFS BIOMEDICAUX SERVANT A SURVEILLER UN ETAT MEDICAL EN TEMPS REEL AU MOYEN DE LA COMMUNICATION D'INFORMATION FONDEE SUR LA BIOMETRIE**
[72] FLITSCH, FREDERICK A., US
[72] PUGH, RANDALL B., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2016-07-22
[41] 2017-01-24
[30] US (15/006,370) 2016-01-26
[30] US (15/214,836) 2016-07-20
[30] US (62/196,513) 2015-07-24

[21] **2,936,881**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) A61B 5/00 (2006.01) G01N 33/48 (2006.01) H04L 12/58 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **BIOMEDICAL DEVICES FOR BIOMETRIC BASED INFORMATION COMMUNICATION AND FEEDBACK**
[54] **DISPOSITIFS MEDICAUX DE COMMUNICATION D'INFORMATION ET DE RETROACTION FONDEES SUR LA BIOMETRIE**
[72] FLITSCH, FREDERICK A., US
[72] PUGH, RANDALL B., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2016-07-22
[41] 2017-01-24
[30] US (15/006,370) 2016-01-26
[30] US (15/212,518) 2016-07-18
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[13] A1
[51] **Int.Cl. H04W 12/06 (2009.01) H04W 76/02 (2009.01) A61B 5/00 (2006.01)**
[25] EN
[54] **IDENTIFICATION ASPECTS OF BIOMEDICAL DEVICES FOR BIOMETRIC BASED INFORMATION COMMUNICATION**
[54] **DETERMINATION D'ASPECTS DE DISPOSITIFS MEDICAUX EN VUE DE COMMUNICATION D'INFORMATION FONDEE SUR LA BIOMETRIE**
[72] FLITSCH, FREDERICK A., US
[72] PUGH, RANDALL B., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2016-07-22
[41] 2017-01-24
[30] US (15/006,370) 2016-01-26
[30] US (15/211,206) 2016-07-15
[30] US (62/196,513) 2015-07-24

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) H04W 4/00 (2009.01) H04W 84/18 (2009.01) A61B 5/01 (2006.01) A61B 5/0205 (2006.01) A61B 5/1455 (2006.01) A61B 5/16 (2006.01) A61B 5/18 (2006.01) G08B 21/02 (2006.01)**
[25] EN
[54] **BIOMEDICAL DEVICES FOR BIOMETRIC BASED INFORMATION COMMUNICATION RELATED TO FATIGUE SENSING**
[54] **DISPOSITIFS MEDICAUX DE COMMUNICATION D'INFORMATION FONDEE SUR LA BIOMETRIE RELATIVE A LA DETECTION DE FATIGUE**
[72] FLITSCH, FREDERICK A., US
[72] GONZALEZ, JORGE, US
[72] PUGH, RANDALL B., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2016-07-22
[41] 2017-01-24
[30] US (15/006,370) 2016-01-26
[30] US (15/183,155) 2016-06-15
[30] US (62/196,513) 2015-07-24

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[13] A1
[51] **Int.Cl. H04W 76/02 (2009.01) H04W 84/18 (2009.01) A61B 5/00 (2006.01)**
[25] EN
[54] **BIOMEDICAL DEVICES FOR BIOMETRIC BASED INFORMATION COMMUNICATION AND SLEEP MONITORING**
[54] **DISPOSITIFS MEDICAUX DE COMMUNICATION D'INFORMATION FONDEE SUR LA BIOMETRIE ET DE SUIVI DU SOMMEIL**
[72] FLITSCH, FREDERICK A., US
[72] PUGH, RANDALL B., US
[72] GONZALEZ, JORGE, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2016-07-22
[41] 2017-01-24
[30] US (15/006,370) 2016-01-26
[30] US (15/139,731) 2016-04-27
[30] US (62/196,513) 2015-07-24

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[13] A1
[51] **Int.Cl. A61B 5/145 (2006.01) H04W 4/22 (2009.01) H04W 76/02 (2009.01) A61B 5/00 (2006.01)**
[25] EN
[54] **BIOMEDICAL DEVICES FOR BIOMETRIC BASED INFORMATION COMMUNICATION IN VEHICULAR ENVIRONMENTS**
[54] **DISPOSITIFS MEDICAUX DE COMMUNICATION D'INFORMATION FONDEE SUR LA BIOMETRIE DANS LES ENVIRONNEMENTS DE VEHICULE**
[72] FLITSCH, FREDERICK A., US
[72] PUGH, RANDALL B., US
[72] GONZALEZ, JORGE, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2016-07-22
[41] 2017-01-24
[30] US (15/006,370) 2016-01-26
[30] US (62/196,513) 2015-07-24

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[13] A1
[51] **Int.Cl. H04W 84/18 (2009.01) H04W 76/02 (2009.01) A61B 5/00 (2006.01)**
[25] EN
[54] **BIOMEDICAL DEVICES FOR BIOMETRIC BASED INFORMATION COMMUNICATION**
[54] **DISPOSITIFS MEDICAUX DE COMMUNICATION D'INFORMATION FONDEE SUR LA BIOMETRIE**
[72] FLITSCH, FREDERICK A., US
[72] PUGH, RANDALL B., US
[72] GONZALEZ, JORGE, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
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[41] 2017-01-24
[30] US (14/994,390) 2016-01-13
[30] US (62/196,513) 2015-07-24

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[13] A1
[51] **Int.Cl. F17D 1/20 (2006.01) E03C 1/02 (2006.01)**
[25] EN
[54] **MULTI-LAYERED GAS-FILLED BLADDER FOR ACCOMODATING CHANGES IN FLUID CHARACTERISTICS WITHIN A FLUID DELIVERY SYSTEM**
[54] **VESSIE MULTICOUCHE REMPLIE DE GAZ ACCEPTANT LES CHANGEMENTS DES CARACTERISTIQUES DE FLUIDE DANS UN SYSTEME DE LIVRAISON DE FLUIDE**
[72] COGLIATI, MICHAEL, US
[72] VAN HAAREN, CHRISTOPHER A., US
[71] AMTROL LICENSING INC., US
[22] 2016-07-21
[41] 2017-01-22
[30] US (14/806,205) 2015-07-22

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[13] A1
[51] **Int.Cl. C08L 95/00 (2006.01) C08J 3/20 (2006.01) C08K 3/22 (2006.01) C08K 3/26 (2006.01) C08K 3/32 (2006.01) C08K 5/098 (2006.01)**
[25] EN
[54] **POLYPHOSPHORIC ACID RESISTANT HYDROGEN SULFIDE SCAVENGER FOR USE IN ASPHALT APPLICATIONS**
[54] **AGENT D'EPURATION AU SULFURE D'HYDROGENE RESISTANT A L'ACIDE POLYPHOSPHORIQUE DESTINE A DES APPLICATIONS SUR L'ASPHALTE**
[72] POLAND, ROSS RIVERS, US
[72] BIGGERSTAFF, PAUL J., US
[72] CATTANACH, KYLE C., US
[72] O'BRIEN, TIMOTHY J., US
[72] WOLFE, DONALD L., US
[72] WEERS, JERRY J., US
[72] BARNES, MATTHEW T., US
[71] BAKER HUGHES INCORPORATED, US
[22] 2016-07-22
[41] 2017-01-23
[30] US (62/196139) 2015-07-23
[30] US (15/213927) 2016-07-19

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[13] A1
[51] **Int.Cl. B44C 3/12 (2006.01) E04C 1/00 (2006.01) E04F 13/14 (2006.01)**
[25] EN
[54] **CONNECTION SURFACE FOR A STRUCTURAL UNIT AND METHOD OF MAKING SAME**
[54] **SURFACE DE CONNEXION D'UNE UNITE STRUCTURELLE ET METHODE DE FABRICATION ASSOCIEE**
[72] RICCOBENE, THOMAS S., US
[72] MACDONALD, ROBERT A., US
[71] KEYSTONE RETAINING WALL SYSTEMS, LLC, US
[22] 2016-07-22
[41] 2017-01-24
[30] US (62/196,748) 2015-07-24

[21] **2,936,901**
[13] A1
[51] **Int.Cl. E21B 43/14 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **WELL PRODUCTION SYSTEM**
[54] **SYSTEME DE PRODUCTION DE PUITS**
[72] FALK, KELVIN, CA
[72] YORGASON, BRANDON, CA
[71] SOURCE ROCK ENERGY PARTNERS INC., CA
[22] 2016-07-22
[41] 2017-01-24
[30] US (62/196,536) 2015-07-24

[21] **2,936,910**
[13] A1
[51] **Int.Cl. B21F 99/00 (2009.01) B21C 1/00 (2006.01)**
[25] EN
[54] **A DEVICE FOR SCRAPING DEBRIS FROM METAL WIRE**
[54] **UN DISPOSITIF SERVANT A RACLER LES DEBRIS SUR UN FIL METALLIQUE**
[72] BEYER, TIMOTHY GEORGE, US
[71] FORD MOTOR COMPANY, US
[22] 2016-07-22
[41] 2017-01-23
[30] US (14/807089) 2015-07-23

[21] **2,936,912**
[13] A1
[51] **Int.Cl. A23C 9/137 (2006.01) A23L 29/219 (2016.01) A23C 9/12 (2006.01)**
[25] EN
[54] **LOW PROTEIN YOGURTS CONTAINING MODIFIED STARCHES**
[54] **YOGOURTS A FAIBLE TENEUR EN PROTEINES RENFERMANT DES AMIDONS MODIFIES**
[72] SISTRUNK, CALLEN, US
[72] JEZEQUEL, VALERIE, FR
[72] VAZ, JUDITH, US
[72] YILDIZ, ERHAN, US
[72] MUCH, FLORIAN, US
[72] CLUNE, HANNA, US
[72] HANCHETT, DOUGLAS, US
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[72] CLAYBURN, KELLEY L., US
[71] DOREL JUVENILE GROUP, INC., US
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[71] LOHMANN & RAUSCHER GMBH, AT
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[54] **A SEAL SEGMENT FOR A GAS TURBINE ENGINE**
[54] **UN SEGMENT DE JOINT DESTINE A UNE TURBINE A GAZ**
[72] THOMAS, DAVID JOHN, US
[72] FREEMAN, TED JOSEPH, US
[72] LAMUSGA, JOSEPH PAN, US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
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[54] **CORDON DE SECURITE POUR ECHAFFAUDAGE**
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[72] ANSON, BENJAMIN BUCHANAN, CA
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[54] **RACCORD EN T DE TREMIE MODULAIRE ET SA METHODE D'UTILISATION**
[72] TUTOR, BRIAN, US
[71] BAILEY-PARKS URETHANE, INC., US
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[54] **SUPPORT DE POMPE COULISSANT DESTINE A UN EQUIPEMENT DE FRACTURATION HYDRAULIQUE**
[72] OEHRING, JARED, US
[72] HINDERLITER, BRANDON, US
[71] US WELL SERVICES LLC, US
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[54] **TEMOINS DE SECURITE DESTINES A DES POMPES DE FRACTURATION HYDRAULIQUE**
[72] OEHRING, JARED, US
[72] HINDERLITER, BRANDON, US
[71] US WELL SERVICES LLC, US
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[54] **METHODES ET SYSTEMES DE CONTROLE DE COMMUTATION DE TENSION**
[72] DONG, DONG, US
[72] CAIAFA, ANTONIO, US
[72] AGAMY, MOHAMMED, US
[72] ELASSER, AHMED, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **APPAREIL DE SEPARATION CENTRIFUGE ET PROCEDE DE SEPARATION CENTRIFUGE**
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[71] AOI SEIKI CO., LTD., JP
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[54] **ENSEMBLE DE CHAUSSURE**
[72] KINDERLE, GUENTHER, DE
[72] GIUPPONI, ANDREA, IT
[71] W.L. GORE & ASSOCIATES GMBH, DE
[71] W.L. GORE & ASSOCIATES S.R.L., IT
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[54] **COALESCENCE DE GOUTTELETTES DE BITUME**
[72] LONG, JUN, CA
[72] HOSKINS, SHANE, CA
[71] SYNCRUDE CANADA LTD., CA
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[54] **UTILISATION DE SURFACTANTS DANS LES PROCEDES D'EXTRACTION DU BITUME A BASE D'EAU**
[72] LONG, JUN, CA
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[54] **METHOD FOR COATING INTERNAL PASSAGES OF AN ARTICLE**
[54] **PROCEDE DE REVETEMENT DE PASSAGES INTERNES D'UN ARTICLE**
[72] RIGGS, RICHARD L., US
[72] WOOD, GREGORY D., US
[72] REINSMITH, MARK J., US
[71] MESTEK, INC., US
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[54] **OUTIL D'ISOLATION DE DISQUE FRANGIBLE SANS INTERVENTION**
[72] YONG, LAKHENA, CA
[72] FRAZIER, W. LYNN, US
[71] MAGNUM OIL TOOLS INTERNATIONAL, LLC, US
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[54] **METHODS AND APPARATUS TO OPTIMIZE STEAM HEADER BLENDING AND GAS TURBINE LOADING IN COMBINED CYCLE POWER PLANTS**
[54] **METHODES ET APPAREILS D'OPTIMISATION DU MELANGE DE COLLECTEUR DE VAPEUR ET DE CHARGEMENT DE TURBINE A GAZ DANS LES CENTRALES ELECTRIQUES A CYCLE COMBINE**
[72] RAO, RANJIT RAMESH, US
[72] CHENG, XU, US
[72] HUFF, FREDERICK CHARLES, US
[72] ADAMS, JACOB NATHANIEL, US
[71] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
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[54] **PROCEDE D'HYDROTRAITEMENT DE MATIERES RENOUVELABLES AVEC UN RECYCLE GAZ OPTIMISE**
[72] CHAPUS, THIERRY, FR
[72] BAZER-BACHI, FREDERIC, FR
[72] TELLIER, ELODIE, FR
[72] SCHARFF, YVES, FR
[72] FEDOU, STEPHANE, FR
[72] CARVALHO, OCTAVIO, FR
[72] BOUCHER, SEBASTIEN, FR
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[54] **METHODE DE PRODUCTION DE STOCKS DE VIRUS DE L'HEPATITE E A HAUT DEGRE ET ESSAIS DE TITRAGE POUR LE VIRUS DE L'HEPATITE E**
[72] BUNO, BRETT, US
[72] JOURNIGAN, TERRI, US
[72] HOTTA, JOANN, US
[72] BURDICK, MICHAEL, US
[71] GRIFOLS, S.A., ES
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[54] **METHODS FOR PURIFICATION OF A VIRUS PRODUCED IN VITRO AND CLEARANCE ASSAY FOR THE VIRUS**
[54] **METHODES DE PURIFICATION D'UN VIRUS PRODUIT IN VITRO ET ESSAIS D'ELIMINATION DU VIRUS**
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[72] JOURNIGAN, TERRI, US
[72] HOTTA, JOANN, US
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[72] ARAKAWA, KAZUYA, JP
[72] SHIINA, TAKAHIRO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **PLANCHER A DOUBLE COUCHE BOIS-BAMBOU**
[72] ZHANG, GAORONG, CN
[72] QIAO, RENLI, CN
[72] ZHANG, JIANXIANG, CN
[71] JIASHAN HUIJIALE DECORATION MATERIAL CO., LTD, CN
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[54] **MAGNETIC SENSOR SYSTEM FOR DETECTING ABNORMAL MOVEMENT IN A GAS TURBINE SHAFT**
[54] **SYSTEME DE CAPTEUR MAGNETIQUE SERVANT A DETECTER UN MOUVEMENT ANORMAL DANS UN ARBRE DE TURBINE A GAZ**
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[71] WESTON AEROSPACE LIMITED, GB
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[54] **APPARATUS FOR USE WITH USER GARMENT AND PREY INSECT VULNERABLE TO PREDATOR INSECT**
[54] **APPAREIL DESTINE A UN VETEMENT D'UN UTILISATEUR ET INSECTE PROIE VULNERABLE A UN INSECTE PREDATEUR**
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[54] **SAMPLE TEST DEVICE AND PUMPING INSTALLATION FOR A FLUID INCLUDING THIS TEST DEVICE**
[54] **DISPOSITIF DE TEST D'ECHANTILLONS ET INSTALLATION DE POMPAGE D'UN FLUIDE COMPORTANT CE DISPOSITIF DE TEST**
[72] SERRES, STEPHANIE, FR
[72] CROTTE, GREGOIRE, FR
[72] PERRET, ERIC, FR
[71] PCM TECHNOLOGIES, FR
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[72] RUDKIN, MARK, GB
[71] WESTON AEROSPACE LIMITED, GB
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[51] **Int.Cl. A61B 5/103 (2006.01) A61B 5/16 (2006.01) G02C 7/04 (2006.01)**
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[54] **ELECTRONIC OPHTHALMIC LENS WITH EYE CLOSED SENSOR WITH OPEN EYE PROMPT AND DATA LOGGING**
[54] **LENTILLE OPHTALMIQUE ELECTRONIQUE DOTEE D'UN DETECTEUR D'OEIL FERME A MESSAGE D'OEIL OUVERT ET TRANSMISSION DE DONNEES**
[72] PUGH, RANDALL B., US
[72] TONER, ADAM, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
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[54] **OPTIMISATION DE L'UTILISATION D'HYDROGENE POUR L'HYDROTRAITEMENT DE CHARGES HYDROCARBONEES**
[72] LECOCQ, VINCENT, FR
[72] PIERRON, ANNE CLAIRE, FR
[72] PLENNEVAUX, THOMAS, FR
[71] IFP ENERGIES NOUVELLES, FR
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[54] **UN COUVERCLE DESTINE A UN CONTENANT A BOISSON ET LE CONTENANT A BOISSON**
[72] ONZA, UMBERTO, FI
[72] JULIER, DANIEL, FI
[71] GUSTAV PAULIG LTD, FI
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[54] **APPAREIL DE PROSPECTION ELECTROMAGNETIQUE DANS L'AIR ET LE SOL ET METHODE ASSOCIEE**
[72] MARTINEZ ORTEGA, JOSE MANUEL, CA
[71] ADVANCED ELECTROMAGNETIC TECHNOLOGIES, CA
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[72] HOCK, MARTIN, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
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[54] **CHAUSSETTE DE HOCKEY RESISTANT A LA COUPE**
[72] RYAN, JASON, CA
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[54] **PALE DE TURBINE DOTEE D'UN REVETEMENT RESISTANT A LA CORROSION**
[72] PACZOSKI, ANDRZEJ, CA
[72] PANCHENKO, YULIA, CA
[72] SYNOTT, REMY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[54] **APPAREIL ET DISPOSITIF DE MELANGE**
[72] PULLMAN, DOUGLAS G., CA
[72] WOODS, ROGER H., CA
[71] PULLMAN, DOUGLAS G., CA
[71] WOODS, ROGER H., CA
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[54] **DISPOSITIF DE CAVITATION**
[72] SMITH, KEVIN W., US
[72] FAIR, JEFF, US
[71] HIGHLAND FLUID TECHNOLOGY, LTD., US
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[54] **APPAREIL D'EMBALLAGE DE BALLES, INSTRUMENT DE RECOLTE ET METHODE**
[72] GUERIN, SEBASTIEN, FR
[72] CHAPON, EMMANUEL, FR
[71] DEERE & COMPANY, US
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[54] **METHODES D'INJECTION ET DE PRODUCTION DE PUITS, APPAREILS ET SYSTEMES**
[72] MACPHAIL, WARREN FOSTER PETER, CA
[72] DEEG, WOLFGANG FRIEDRICH JOHANN, US
[71] DEVON CANADA CORPORATION, CA
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[54] **VEHICULE RECREATIF EQUIPE D'UNE SECTION DE CUISINE MOBILE PEU ENCOMBRANTE**
[72] PRICE, GORDON SCOTT, CA
[71] 1925650 ONTARIO INC., CA
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[51] **Int.Cl. D21C 9/14 (2006.01)**
[25] EN
[54] **METHOD FOR PHOTO-ASSISTED CHLORINE DIOXIDE BLEACHING OF PULP**
[54] **METHODE DE LESSIVAGE DE PATE AU DIOXYDE DE CHLORE ASSISTE PAR LA LUMIERE**
[72] WANG, SHUANGFEI, CN
[72] NIE, SHUANGXI, CN
[72] SONG, XUEPING, CN
[72] QIN, CHENGRONG, CN
[71] GUANGXI UNIVERSITY, CN
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[54] AN INSTANT BEVERAGE TABLET FOR PRODUCING A LAYERED BEVERAGE
[54] COMPRIME POUR BOISSON INSTANTANEE POUR PRODUIRE UNE BOISSON STRATIFIEE
[72] FORNY, LAURENT, SG
[72] FRIES, LENNART, CH
[72] MEUNIER, VINCENT, CH
[72] NIEDERREITER, GERHARD, CH
[72] PALZER, STEFAN, CH
[72] REH, CHRISTOPH, CH
[71] NESTEC S.A., CH
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[54] MODULE DE CATALYSEUR ET CONVERTISSEUR CATALYTIQUE DE GAZ D'ECHAPPEMENT
[72] DORING, ANDREAS, DE
[72] LOSHER, RICHARD, DE
[71] MAN DIESEL & TURBO SE, DE
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[54] **PROCESS FOR PREPARING PHOSPHORUS-CONTAINING CYANOHYDRINS**
[54] **PROCEDE DE PREPARATION DE CYANHYDRINES CONTENANT DU PHOSPHORE**
[72] RESSEL, HANS-JOACHIM, DE
[72] TELLMANN, KILIAN, DE
[72] FORD, MARK JAMES, DE
[72] LITTMANN, MARTIN, DE
[72] MUHLTHAU, FRIEDRICH AUGUST, DE
[72] SCHLEGEL, GUNTER, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[54] **METHOD FOR THE MODIFICATION OF WOOD**
[54] **PROCEDE DE MODIFICATION DE BOIS**
[72] TURNBULL, NEIL, GB
[72] KAPPEN, THEODORUS GERARDUS MARINUS MARIA, GB
[71] TRICOYA TECHNOLOGIES LTD, GB
[85] 2016-11-10
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[54] **DEUTERATED COMPOUNDS AND USES THEREOF**
[54] **COMPOSES HETEROCYCLIQUES DEUTERES ET LEUR UTILISATION COMME AGENTS D'IMAGERIE**
[72] MARIK, JAN, US
[72] LYSSIKATOS, JOSEPH P., US
[72] WILLIAMS, SIMON, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-11-10
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[54] **INDUCTIVE HEATING DEVICE AND SYSTEM FOR AEROSOL-GENERATION**
[54] **DISPOSITIF DE CHAUFFAGE PAR INDUCTION ET SYSTEME DE PRODUCTION D'AEROSOL**
[72] ZINOVIK, IHAR NIKOLAEVICH, CH
[72] MIRONOV, OLEG, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **APPARATUS AND METHOD FOR PREPARING A BREWED BEVERAGE**
[54] **DISPOSITIF ET PROCEDE DE PREPARATION D'UNE BOISSON INFUSEE**
[72] HESSELBROCK, KATRIN, DE
[72] NEUHAUS, SVEN, DE
[72] PAHNKE, JAN, DE
[72] SCHANDL, GEROLD, DE
[72] KOHLER, ROBERT, DE
[72] UNGERER, MARKUS, DE
[72] WEBER, THOMAS, DE
[71] MELITTA SINGLE PORTIONS GMBH & CO. KG, DE
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[54] **DISPOSABLE FOAMING DEVICE**
[54] **APPAREIL A MOUSSER JETABLE**
[72] AIT BOUZIAD, YOUCEF, CH
[72] AGON, FABIEN LUDOVIC, CH
[72] NOTH, ANDRE, CH
[72] SAVIOZ, GREGORY, CH
[71] NESTEC S.A., CH
[85] 2016-11-10
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[54] **METHOD FOR PRODUCING ANHYDROUS CALCIUM NITRATE POWDER**
[54] **PROCEDE DE PRODUCTION DE POUDRE DE NITRATE DE CALCIUM ANHYDRE**
[72] OBRESTAD, TORSTEIN, NO
[71] YARA INTERNATIONAL ASA, NO
[85] 2016-11-10
[86] 2015-06-23 (PCT/EP2015/064065)
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[25] EN
[54] **AEROSOL-GENERATING SYSTEM WITH IMPROVED PIERCING MEMBER**
[54] **SYSTEME DE GENERATION D'AEROSOL A ELEMENT PERFORATEUR AMELIORE**
[72] FORCE, ERIC, CH
[72] BUEHLER, FREDERIC, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[25] EN
[54] **APPARATUS FOR PREPARING BREWED BEVERAGES, AND CAPSULE, CAPSULE SYSTEM AND METHOD FOR PRODUCING A BREWED BEVERAGE**
[54] **DISPOSITIF DE PREPARATION DE BOISSONS INFUSEES, CAPSULE, SYSTEME DE CAPSULE ET PROCEDE DE PREPARATION D'UNE BOISSON INFUSEE**
[72] HESSELBROCK, KATRIN, DE
[72] NEUHAUS, SVEN, DE
[72] PAHNKE, JAN, DE
[72] SCHANDL, GEROLD, DE
[72] EBBECKE, ANDREAS, DE
[72] LAASCH, FABIAN, DE
[72] WEBER, THOMAS, DE
[71] MELITTA SINGLE PORTIONS GMBH & CO. KG, DE
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[54] **CONJUGATES AND ASSOCIATED METHODS OF PRODUCING THEM FOR THE PREVENTION OR TREATMENT OF NICOTINE ADDICTION**
[54] **CONJUGUES UTILISABLES EN VUE DE LA PREVENTION OU DU TRAITEMENT DE LA DEPENDANCE A LA NICOTINE ET LEURS PROCEDES DE PRODUCTION**
[72] SIESER, JANICE ETHEL, US
[72] SINGER, ROBERT ALAN, US
[71] PFIZER INC., US
[85] 2016-11-10
[86] 2015-05-04 (PCT/IB2015/053251)
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[54] **PROCESS FOR PRODUCING A PACKAGE FOR A FOODSTUFF PRODUCT, IN PARTICULAR A CONFECTIONERY PRODUCT**
[54] **PROCEDE DE FABRICATION D'UN EMBALLAGE DESTINE A UN PRODUIT ALIMENTAIRE, EN PARTICULIER UN PRODUIT DE CONFISERIE**
[72] SAPPA, ENRICO, IT
[71] SOREMARTEC S.A., LU
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[54] **DOSING AND CLEANING SAMPLE PREPARATION APPARATUS AND METHODS THEREOF**
[54] **APPAREIL DE PREPARATION D'ECHANTILLONS DE DOSAGE ET DE NETTOYAGE ET PROCEDES ASSOCIES**
[72] MELEG, VLADIMIR, CZ
[72] OKENKA, MIROSLAV, CZ
[71] FLSMIDTH A/S, DK
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[54] **REDUCED POWER CONSUMPTION SEALING TOOL FOR STRAP**
[54] **OUTIL DE SERTISSAGE A CONSOMMATION D'ENERGIE REDUITE POUR SANGLE DE CERCLAGE**
[72] NASIATKA, JASON R., US
[72] FIGIEL, JANUSZ, US
[71] SIGNODE INDUSTRIAL GROUP LLC, US
[85] 2016-11-10
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[51] **Int.Cl. E05B 47/00 (2006.01) G08B 21/18 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **SHAPE MEMORY MATERIAL LOCK DEVICES**
[54] **DISPOSITIFS DE VERROUILLAGE A MATERIAU A MEMOIRE DE FORME**
[72] ADREZIN, RONALD S., US
[72] DINAN, ROBERT, US
[72] LEGUM, STEVEN, US
[72] NORDYKE, JOHN, US
[71] UNLIMITED LIABILITY, LLC, US
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[25] EN
[54] **UNDERGARMENT RECEIVING A THIN INTERMEDIATE LAYER OF ADHESIVE BONDING BETWEEN TWO TEXTILES BEFORE THERMOFORMING**
[54] **SOUS-VETEMENT RECEVANT UNE COUCHE INTERMEDIAIRE FINE DE COLLAGE ENTRE DEUX TEXTILES AVANT THERMOFORMAGE**
[72] TURLAN, MANON, FR
[71] HANES OPERATIONS EUROPE SAS, FR
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[54] **MEDICAMENTS, USES AND METHODS**
[54] **MEDICAMENTS, UTILISATIONS ET METHODES**
[72] FRENDEUS, BJORN, SE
[72] TEIGE, INGRID, SE
[72] MARTENSSON, LINDA, SE
[72] CRAGG, MARK, GB
[72] ROGHANIAN, ALI, GB
[71] BIOINVENT INTERNATIONAL AB, SE
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[25] EN
[54] **PYRROLIDINE-2,5-DIONE DERIVATIVES, PHARMACEUTICAL COMPOSITIONS AND METHODS FOR USE AS IDO1 INHIBITORS**
[54] **DERIVES DE PYRROLIDINE -2,5-DIONE, COMPOSITIONS PHARMACEUTIQUES ET PROCEDES POUR UNE UTILISATION EN TANT QU'INHIBITEURSDE DE IDO1**
[72] CROSIGNANI, STEFANO, BE
[72] CAUWENBERGHS, SANDRA, BE
[72] DRIESSENS, GREGORY, BE
[72] DEROOSE, FREDERIK, BE
[71] ITEOS THERAPEUTICS, BE
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[54] **ENGINEERING SYNTHETIC BRAIN PENETRATING GENE VECTORS**
[54] **FABRICATION DE VECTEURS GENETIQUES SYNTHETIQUES PENETRANT LE CERVEAU**
[72] HANES, JUSTIN, US
[72] SUK, JUNG SOO, US
[72] MASTORAKOS, PANAGIOTIS, US
[72] WOODWORTH, GRAEME, US
[72] ZHANG, CLARK, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
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[25] EN
[54] **METHODS FOR FREEZE-DRYING AND REHYDRATING BIOLOGICS**
[54] **PROCEDES DE LYOPHILISATION ET DE REHYDRATATION DE PRODUITS BIOLOGIQUES**
[72] GENIN, NOEL YVES HENRI JEAN, FR
[72] AUDONNET, JEAN-CHRISTOPHE, FR
[72] ROY, DIDIER, FR
[72] SECHE, EDOUARD, FR
[72] GERVAIS, PATRICK, FR
[72] KHALDI-PLASSART, SAMIRA, FR
[72] USEO, ROMAIN, FR
[72] DE CONINCK, JOELLE, FR
[71] MERIAL, INC., US
[71] VITAMFERO S.A, FR
[71] L'INSTITUT NATIONAL SUPERIEUR DES SCIENCES AGRONOMIQUES DE L'ALIMENTATION ET DE L'ENVIRONNEMENT, FR
[71] L'UNIVERSITE DE BOURGOGNE, FR
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[25] EN
[54] **ANTI-INFLAMMATORY COMPOUNDS AND METHODS OF USE**
[54] **COMPOSES ANTI-INFLAMMATOIRES ET LEURS METHODES D'UTILISATION**
[72] GUILLEMIN, KAREN, US
[72] ROLIG, ANNAH, US
[71] UNIVERSITY OF OREGON, US
[85] 2016-11-10
[86] 2015-05-15 (PCT/US2015/031052)
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[51] **Int.Cl. B65D 83/38 (2006.01)**
[25] EN
[54] **FRESHENING PRODUCT COMPRISING AN AQUEOUS PERFUME COMPOSITION CONTAINED IN A PRESSURIZED PLASTIC CONTAINER**
[54] **PRODUIT RAFRAICHISSANT COMPRENANT UNE COMPOSITION AQUEUSE DE PARFUM CONTENUE DANS UN RECIPIENT SOUS PRESSION EN PLASTIQUE**
[72] NWACHUKWU, CHISOMAGA UGOCHI, US
[72] MCDANIEL, JOHN ANDREW, US
[72] LIU, ZAIYOU, US
[72] FRANCKHAUSER, ANDREW WILLIAM, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-11-10
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[25] EN
[54] **ORALLY ADMINISTRABLE FORMULATIONS FOR THE CONTROLLED RELEASE OF A PHARMACOLOGICALLY ACTIVE AGENT**
[54] **PREPARATIONS POUVANT ETRE ADMINISTREES PAR VOIE ORALE POUR LA LIBERATION CONTROLEE D'UN AGENT PHARMACOLOGIQUEMENT ACTIF**
[72] BROMAN, CALVIN THEODORE, US
[72] SHEU, ERIC, US
[71] VIVUS, INC., US
[85] 2016-11-10
[86] 2015-05-15 (PCT/US2015/031159)
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[30] US (61/994,347) 2014-05-16

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[51] **Int.Cl. A61F 13/539 (2006.01) A61F 13/15 (2006.01) A61L 15/22 (2006.01)**
[25] EN
[54] **ABSORBENT ELEMENT FOR DISPOSABLE ABSORBENT ARTICLES HAVING AN INTEGRATED ACQUISITION LAYER**
[54] **ELEMENT ABSORBANT POUR ARTICLES ABSORBANTS JETABLES AYANT UNE COUCHE D'ACQUISITION INTEGREE**
[72] CAPUTI, MARIANGELA, DE
[72] STELZER, NORBERT MATTHIAS, DE
[72] MAZZEO, MICHELE, DE
[72] KRIPPNER, CAROLA ELKE BEATRICE, DE
[72] VIENS, GERARD A., US
[72] BEWICK-SONNTAG, CHRISTOPHER PHILIP, US
[72] BELLUCCI, REMO, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **NOVEL QUINOLINE DERIVATIVES AND THEIR USE IN NEURODEGENERATIVE DISEASES**
[54] **NOUVEAUX DERIVES DE QUINOLEINE ET LEUR UTILISATION DANS DES MALADIES NEURODEGENERATIVES**
[72] KARRA, SRINIVASA R., US
[72] XIAO, YUFANG, US
[72] SEENISAMY, JEYAPRAKASHNARAYANAN, IN
[72] JAYADEVAN, JAYASHANKARAN, IN
[71] MERCK PATENT GMBH, DE
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[25] FR
[54] **EXTEMPORANEOUS COSMETIC AND/OR DERMATOLOGICAL PREPARATIONS**
[54] **PREPARATIONS COSMETIQUES ET/OU DERMATOLOGIQUES EXTEMPORANEES**
[72] ARAMPATZIS, CHARALAMPOS, FR
[72] MASSON, CLAUDINE, FR
[71] UNIVERSKIN, FR
[71] ARAMPATZIS, CHARALAMPOS, FR
[71] MASSON, CLAUDINE, FR
[85] 2016-11-14
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[51] **Int.Cl. A61K 38/07 (2006.01) A61K 8/64 (2006.01) A61K 31/23 (2006.01) A61P 17/14 (2006.01)**
[25] FR
[54] **ASSOCIATION OF A TETRAPEPTIDE AND A GLYCERYL ESTER FOR TREATING ANDROGENIC ALOPECIA**
[54] **ASSOCIATION D'UN TETRAPEPTIDE ET D'UN GLYCERYL ESTER POUR LE TRAITEMENT DE L'ALOPECIE ANDROGENIQUE**
[72] POIGNY, STEPHANE, FR
[72] LEVEQUE, MARGUERITE, FR
[72] LEMERCIER, LAETITIA, FR
[71] PIERRE FABRE DERMO-COSMETIQUE, FR
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[30] FR (1454401) 2014-05-16

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[51] **Int.Cl. G01N 33/564 (2006.01) C07K 16/00 (2006.01) C40B 30/04 (2006.01)**
[25] EN
[54] **METHODS FOR DETECTING AND/OR MEASURING ANTI-DRUG ANTIBODIES, IN PARTICULAR TREATMENT-EMERGENT ANTI-DRUG ANTIBODIES**
[54] **PROCEDES DE DETECTION ET/OU DE MESURE D'ANTICORPS ANTI-MEDICAMENT, EN PARTICULIER D'ANTICORPS ANTI-MEDICAMENT EMERGENTS DANS UN TRAITEMENT**
[72] SNOECK, VEERLE, BE
[72] BUYSE, MARIE-ANGE, BE
[72] BAUMEISTER, JUDITH, BE
[71] ABLYNX NV, BE
[85] 2016-11-14
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[72] ALARY, JEAN ANDRE, FR
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[72] ROWSON, NEIL, GB
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[54] **CONVECTEUR COMBINE**
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[72] DORIN, FILIPPO, IT
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[54] **REGULATION DE LA CONCENTRATION D'ORGANISMES VIVANTS DANS UN FLUIDE**
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[72] HAKONARSON, SVERRIR, IS
[71] VAKI FISKELDISKERFI HF., IS
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[72] PETURSSON, THORVALDUR LOGI, IS
[72] HAKONARSON, SVERRIR, IS
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[72] KOENDERS, JOHN, NL
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[72] NIEDERBERGER, ALFRED, CH
[72] FIERLBECK, JOHANN, AT
[72] ALTMANN, MARTIN, CH
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[72] BOLLINGER, SHANE A., US
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[72] CHOJECKI, ADAM, NL
[72] MEIMA, GARMT R., NL
[72] KOEKEN, ADRIANUS, NL
[72] RUITENBEEK, MATTHIJS, NL
[72] DAVIDIAN, THOMAS, NL
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[72] GRAAF, WOLFGANG, DE
[71] BLEICHERT AUTOMATION GMBH & CO. KG, DE
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[54] **MUTANTS D'ALLONGEMENT DE FRAGMENT VARIABLE A CHAINE UNIQUE (SCFV)**
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[72] RIVERA HERNANDEZ, GEOVANNY, MX
[72] MARIN-ARGANY, MARTA, ES
[72] BLASO MORENO, BERNAT, ES
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[54] **MEMBRANES DE COPOLYMERE A BLOCS FONCTIONNALISEES PAR UN ZWITTERION ET COMPOSITION DE COPOLYMERE A BLOCS ASSOCIEE**
[72] MCCLOSKEY, PATRICK JOSEPH, US
[72] LEE, JULIA LAM, US
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[72] OLSEN, CATHRYN ELLEN, US
[72] ZHOU, HONGYI, US
[71] GENERAL ELECTRIC COMPANY, US
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[72] VAN EPPS, DENNIS E., US
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[72] WHITLOCK, MICHAEL, US
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[72] NGUYEN, DUY, US
[72] JIMENEZ, AARON, US
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[72] CHEN, CHIEH HSIAO, US
[72] WANG, KUAN JU, CN
[71] CHEN, CHIEH HSIAO, US
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[72] DICOSIMO, ROBERT, US
[72] OUWEHAND, ARTHUR, FI
[72] YOU, ZHENG, US
[72] SUWANNAKHAM, SUPAPORN, US
[72] NAGY, KEVIN D., US
[72] PAYNE, MARK S., US
[72] PRASAD, JAHNAVI CHANDRA, US
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[54] **SYNTHESE ENZYMATIQUE D'UNE FIBRE DE GLUCANE SOLUBLE**
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[72] DICOSIMO, ROBERT, US
[72] ELIOT, ANDREW C., US
[72] OUWEHAND, ARTHUR, FI
[72] ROESCH, BRIAN MICHAEL, US
[72] ROTHMAN, STEVEN CARY, US
[72] RUEBLING-JASS, KRISTIN, US
[72] YOU, ZHENG, US
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[54] **ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER**
[54] **SYNTHESE ENZYMATIQUE D'UNE FIBRE DE GLUCANE SOLUBLE**
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[72] DICOSIMO, ROBERT, US
[72] OUWEHAND, ARTHUR, FI
[72] YOU, ZHENG, US
[72] PAYNE, MARK S., US
[72] PRASAD, JAHNAVI CHANDRA, US
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[54] **SYNTHESE ENZYMATIQUE DE FIBRES DE GLUCANE SOLUBLE**
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[72] CHENG, QIONG, US
[72] ELIOT, ANDREW C., US
[72] OUWEHAND, ARTHUR, FI
[72] PAYNE, MARK S., US
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[72] YOU, ZHENG, US
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[72] LAI, JIAN PING, US
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[54] **DISTRIBUTEUR D'ARTICLES EN PAPIER ET PROCEDES ASSOCIES**
[72] FORMON, JOHN S., US
[72] RALEIGH, EDWARD A., US
[72] WOERPEL, MATTHEW T., US
[72] BRICKL, JEFFREY J., US
[71] SCA HYGIENE PRODUCTS AB, SE
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[54] **MOULAGE DE MOUSSE DE PARTICULES DE POLY(MET)ACRYLIMIDE DANS DES MOULES FERMES POUR LA PRODUCTION DE NOYAUX EN MOUSSE RIGIDE**
[72] BERNHARD, KAY, DE
[72] LIEBL, INA, DE
[72] BECKER, FLORIAN, DE
[72] RETTIG, JURGEN, DE
[72] HOLLEYN, DENIS, DE
[72] DENK, TIM, DE
[72] DONGMO FEUDJIO, ALIDA SUZANNE BLANCHE, DE
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[72] KRAATZ, ARNIM, DE
[71] EVONIK ROHM GMBH, DE
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[87] (WO2015/177013)
[30] DE (10 2014 209 425.9) 2014-05-19

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[13] A1
[51] **Int.Cl. B65D 81/32 (2006.01) B65D 51/28 (2006.01)**
[25] EN
[54] **RETENTION AND RELEASE SYSTEM, BEVERAGE CONTAINER THEREWITH, CLOSURE THEREWITH AND METHOD FOR ENHANCING VISUAL ASPECTS OF A BEVERAGE**
[54] **SYSTEME DE RETENTION ET DE LIBERATION, RECIPIENT A BOISSON MUNI DE CELUI-CI, FERMETURE MUNIE DE CELUI-CI ET PROCEDE D'AMELIORATION DES ASPECTS VISUELS D'UNE BOISSON**
[72] DEBYSER, WINOK, BE
[71] ANHEUSER-BUSCH INBEV S.A., BE
[85] 2016-11-16
[86] 2015-05-19 (PCT/EP2015/061020)
[87] (WO2015/177167)
[30] EP (14169000.8) 2014-05-20

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[13] A1
[51] **Int.Cl. B01D 27/14 (2006.01) B01D 27/08 (2006.01)**
[25] EN
[54] **KEY SYSTEM TO ENSURE CORRECT USE OF INSERTS**
[54] **SYSTEME DE CLE PERMETTANT D'ASSURER L'UTILISATION CORRECTE D'ELEMENTS INSERES**
[72] FICH, JENS, DK
[71] C.C. JENSEN A/S, DK
[85] 2016-11-16
[86] 2015-05-21 (PCT/EP2015/061243)
[87] (WO2015/177274)
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[13] A1
[51] **Int.Cl. C08L 5/00 (2006.01) A23K 20/163 (2016.01) A23L 33/125 (2016.01) A23L 33/20 (2016.01) A23L 2/52 (2006.01) A61K 8/73 (2006.01) A61K 31/716 (2006.01) C12P 19/04 (2006.01) C12P 19/08 (2006.01) C12P 19/18 (2006.01) C08B 37/00 (2006.01)**
[25] EN
[54] **ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER**
[54] **SYNTHESE ENZYMATIQUE D'UNE FIBRE DE GLUCANE SOLUBLE**
[72] CHENG, QIONG, US
[72] DICOSIMO, ROBERT, US
[72] OUWEHAND, ARTHUR, FI
[72] YOU, ZHENG, US
[72] LAI, JIAN PING, US
[72] YU, ZHEYONG, CN
[72] ZHANG, ZHENGHONG, CN
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2016-11-15
[86] 2015-05-22 (PCT/US2015/032139)
[87] (WO2015/183726)
[30] US (62/004,314) 2014-05-29

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[13] A1
[51] **Int.Cl. A01B 45/02 (2006.01)**
[25] EN
[54] **SOIL PROCESSING DEVICE**
[54] **DISPOSITIF DE TRAVAIL DU SOL**
[72] DE BREE, CORNELIUS HERMANUS MARIA, NL
[71] REDEXIM HANDEL- EN EXPLOITATIE MAATSCHAPPIJ B.V., NL
[85] 2016-11-16
[86] 2015-05-18 (PCT/EP2015/060900)
[87] (WO2015/173431)
[30] EP (14168659.2) 2014-05-16

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[13] A1
[51] **Int.Cl. E04B 9/26 (2006.01) E04B 9/06 (2006.01)**
[25] EN
[54] **TORSION SPRING METAL CEILING SYSTEM AND HARDWARE**
[54] **SYSTEME ET MATERIEL DE PLAFOND METALLIQUE A RESSORTS DE TORSION**
[72] UNDERKOFLER, ABRAHAM M., US
[72] GULBRANDSEN, PEDER J., US
[72] PAULSEN, MARK R., US
[71] USG INTERIORS, LLC, US
[85] 2016-11-16
[86] 2015-05-19 (PCT/US2015/031525)
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[13] A1
[51] **Int.Cl. B05D 5/08 (2006.01) B05D 1/18 (2006.01)**
[25] FR
[54] **NOVEL PROCESS FOR OBTAINING SUPERHYDROPHOBIC OR SUPERHYDROPHILIC SURFACES**
[54] **NOUVEAU PROCEDE D'OBTENTION DE SURFACES SUPERHYDROPHOBES OU SUPERHYDROPHILES**
[72] PORTET, DAVID, FR
[72] LEFEVRE, NICOLAS, FR
[72] BEJANIN, STEPHANE, FR
[72] TALEB, ABDELHAFED, FR
[72] BEN JAZIA DALLEL, DORRA, FR
[72] FAVRAT, OLIVIER, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] SURFACTIS TECHNOLOGIES, FR
[85] 2016-11-17
[86] 2015-05-20 (PCT/EP2015/061145)
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[13] A1
[51] **Int.Cl. F01M 11/04 (2006.01)**
[25] EN
[54] **FLUID CONTAINER**
[54] **RESERVOIR DE FLUIDE**
[72] BARNES, ANDREW PHILIP, GB
[72] BRETT, PETER STUART, GB
[72] GOODIER, STEVEN PAUL, GB
[72] O'MALLEY, MARK, GB
[71] CASTROL LIMITED, GB
[85] 2016-11-17
[86] 2015-05-21 (PCT/EP2015/061331)
[87] (WO2015/177313)
[30] GB (1409083.1) 2014-05-21

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **AEROSOL PROVISION SYSTEM**
[54] **SYSTEME DE FOURNITURE D'AEROSOL**
[72] DICKENS, COLIN, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2016-11-17
[86] 2015-06-11 (PCT/GB2015/051722)
[87] (WO2015/189623)
[30] GB (1410562.1) 2014-06-13

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[13] A1
[51] **Int.Cl. A01J 5/007 (2006.01) A01K 1/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING DAIRY ANIMALS**
[54] **PROCEDE ET SYSTEME POUR GERER DES ANIMAUX LAITIERS**
[72] DE GROOT, ESTER, NL
[71] LELY PATENT N.V., NL
[85] 2016-11-17
[86] 2015-05-01 (PCT/NL2015/050297)
[87] (WO2015/183076)
[30] NL (2012893) 2014-05-27

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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **ELECTRICALLY-POWERED AEROSOL DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION D'AEROSOL A ALIMENTATION ELECTRIQUE**
[72] SEARS, STEPHEN BENSON, US
[72] TALUSKIE, KAREN V., US
[72] DAVIS, MICHAEL F., US
[72] ADEME, BALAGER, US
[72] DUGGINS, DONNA WALKER, US
[72] GERARDI, ANTHONY RICHARD, US
[71] RAI STRATEGIC HOLDINGS, INC., US
[85] 2016-11-17
[86] 2015-05-19 (PCT/US2015/031563)
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[30] US (14/282,768) 2014-05-20

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[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/172 (2006.01)**
[25] EN
[54] **A METHOD FOR PRODUCING A STERILIZED SUBCUTANEOUS ACCESS DEVICE AND A STERILIZED SUBCUTANEOUS ACCESS DEVICE**
[54] **PROCEDE DE PRODUCTION DE DISPOSITIF D'ACCES SOUS-CUTANE STERILISE, ET DISPOSITIF D'ACCES SOUS-CUTANE STERILISE**
[72] HARTTIG, HERBERT, DE
[72] WEHOWSKI, FREDERIC, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-11-18
[86] 2015-05-12 (PCT/EP2015/060513)
[87] (WO2015/177005)
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[13] A1
[51] **Int.Cl. B04B 5/12 (2006.01) B04B 7/02 (2006.01) B04B 9/06 (2006.01) B04B 11/02 (2006.01)**
[25] EN
[54] **A CENTRIFUGAL SEPARATOR**
[54] **SEPARATEUR CENTRIFUGE**
[72] FONSER, PER, SE
[72] SKOOG, JAN, SE
[72] TORNBLOM, OLLE, SE
[71] ALFA LAVAL CORPORATE AB, SE
[85] 2016-11-18
[86] 2015-05-07 (PCT/EP2015/060098)
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[51] **Int.Cl. G09F 9/30 (2006.01) B42D 25/328 (2014.01) B41J 2/01 (2006.01) B41M 3/14 (2006.01) G09F 3/00 (2006.01) G09F 19/12 (2006.01)**
[25] EN
[54] **COLOR IMAGE DISPLAY DEVICES COMPRISING STRUCTURAL COLOR PIXELS THAT ARE SELECTIVELY ACTIVATED AND/OR DEACTIVATED BY MATERIAL DEPOSITION**
[54] **APPAREILS D'AFFICHAGE D'IMAGE COULEUR COMPORTANT DES PIXELS DE COULEUR STRUCTURAUX QUI SONT SELECTIVEMENT ACTIVES OU DESACTIVES PAR DEPOT DE MATIERE**
[72] JIANG, HAO, CA
[72] BOZENA, KAMINSKA, CA
[71] NANOMEDIA SOLUTIONS INC., CA
[85] 2016-11-22
[86] 2016-07-22 (PCT/CA2016/050861)
[87] (2949589)
[30] US (62/196,940) 2015-07-25

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[13] A1
[51] **Int.Cl. E21D 21/00 (2006.01)**
[25] EN
[54] **FRICTION BOLT**
[54] **BOULON FROTTANT**
[72] RATAJ, MIECZYSLAW, AU
[72] CZEKAJ, JUSTYNA, AU
[72] DARLINGTON, BRADLEY, AU
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2016-11-18
[86] 2015-06-08 (PCT/EP2015/062702)
[87] (WO2015/189146)
[30] AU (2014902255) 2014-06-13

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[13] A1
[51] **Int.Cl. F01D 5/08 (2006.01) F01D 11/00 (2006.01) F01D 11/08 (2006.01)**
[25] FR
[54] **TURBINE ROTOR FOR A GAS-TURBINE ENGINE**
[54] **ROTOR DE TURBINE POUR UN MOTEUR A TURBINE A GAZ**
[72] SICARD, JOSSELIN LUC FLORENT, FR
[72] PELLATON, BERTRAND, FR
[72] BARRET, HELENE MARIE, FR
[72] SILET, BENOIT GUILLAUME, FR
[72] HOULET, ANNE-FLORE KARINE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[86] 2015-05-07 (PCT/FR2015/051211)
[87] (WO2015/177429)
[30] FR (1454500) 2014-05-20

[21] **2,949,611**
[13] A1
[51] **Int.Cl. A45C 11/20 (2006.01)**
[25] EN
[54] **LUNCHBOX**
[54] **BOITE A REPAS**
[72] GRAF, FABIAN, CH
[72] MOGY, PASCAL, CH
[71] FAITRON AG, CH
[85] 2016-11-18
[86] 2015-05-19 (PCT/IB2015/053684)
[87] (WO2015/177726)
[30] CH (00773/14) 2014-05-21

[21] **2,949,682**
[13] A1
[51] **Int.Cl. A01K 45/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CONDITIONAL IN OVO INJECTION**
[54] **PROCEDE ET DISPOSITIF POUR INJECTION IN OVO CONDITIONNELLE**
[72] LESLIE, CHRISTOPHER DAVIS, US
[72] NGUYEN, CHIEN DINH, US
[72] BEVENSEE, ERICH, US
[71] MERIAL, INC., US
[85] 2016-11-18
[86] 2015-05-19 (PCT/US2015/031605)
[87] (WO2015/179417)
[30] US (62/000,245) 2014-05-19

[21] **2,949,692**
[13] A1
[51] **Int.Cl. A61M 1/16 (2006.01) A61B 5/02 (2006.01) A61B 5/145 (2006.01) A61B 5/1455 (2006.01) A61M 1/34 (2006.01)**
[25] EN
[54] **ABSOLUTE BLOOD VOLUME ESTIMATION USING HEMODILUTION**
[54] **ESTIMATION DU VOLUME SANGUIN ABSOLU PAR HEMODILUTION**
[72] THIJSSEN, STEPHAN, US
[72] KOTANKO, PETER, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2016-11-18
[86] 2015-05-20 (PCT/US2015/031781)
[87] (WO2015/179523)
[30] US (62/000,684) 2014-05-20

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[13] A1
[51] **Int.Cl. A47L 13/16 (2006.01) A47L 13/258 (2006.01)**
[25] EN
[54] **TRAPEZOIDAL MOP COVER**
[54] **GARNITURE D'ESSUYAGE DE FORME TRAPEZOIDALE**
[72] DINGERT, UWE, DE
[72] WEIS, NORBERT, DE
[72] WOLF, HANNSGEORG, DE
[72] WILMES, SABINE, DE
[72] WALTER, SUSANNE, DE
[71] CARL FREUDENBERG KG, DE
[85] 2016-11-21
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[30] DE (102014008954.1) 2014-06-23

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[51] **Int.Cl. B01D 53/86 (2006.01) B01D 53/56 (2006.01) C01B 21/02 (2006.01) C01B 21/40 (2006.01)**
[25] EN
[54] **REDUCING THE EMISSION OF NITROGEN OXIDE WHEN STARTING UP SYSTEMS FOR PRODUCING NITRIC ACID**
[54] **REDUCTION DE L'EMISSION D'OXYDES D'AZOTE LORS DU DEMARRAGE D'INSTALLATIONS DE PRODUCTION D'ACIDE NITRIQUE**
[72] PERBANDT, CHRISTIAN, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[71] THYSSENKRUPP AG, DE
[85] 2016-11-21
[86] 2015-06-01 (PCT/EP2015/062154)
[87] (WO2015/185506)
[30] DE (10 2014 210 661.3) 2014-06-04

[21] **2,949,730**
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[51] **Int.Cl. F03B 13/18 (2006.01) E02B 9/08 (2006.01) F03B 13/20 (2006.01) F16K 1/16 (2006.01)**
[25] EN
[54] **SHUTTER VALVE AND DEVICE FOR GENERATING ENERGY FROM SEA WAVES COMPRISING SUCH VALVES**
[54] **VANNE D'OBTURATION ET DISPOSITIF DE GENERATION D'ENERGIE A PARTIR DES VAGUES DE LA MER COMPRENANT LESDITES VANNES**
[72] DOLEH, ZAKARIA KHALIL IBRAHIM, AE
[72] LOCK, JOHN DOUGLAS, GB
[71] DOLEH, ZAKARIA KHALIL IBRAHIM, AE
[71] LOCK, JOHN DOUGLAS, GB
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[86] 2015-06-02 (PCT/EP2015/062241)
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[30] EP (14171058.2) 2014-06-04

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[13] A1
[51] **Int.Cl. A45C 13/10 (2006.01) A45C 5/00 (2006.01) A45C 5/03 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO AN ARTICLE OF LUGGAGE**
[54] **PERFECTIONNEMENTS APPORTES ET SE RAPPORTANT A UN BAGAGE**
[72] SELVI, SEDAT, GB
[71] IT LUGGAGE LIMITED, GB
[85] 2016-11-21
[86] 2015-05-19 (PCT/GB2015/051457)
[87] (WO2015/177524)
[30] GB (1408846.2) 2014-05-19

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[13] A1
[51] **Int.Cl. F02K 1/12 (2006.01) F02K 1/06 (2006.01) F02K 1/09 (2006.01) F02K 3/04 (2006.01)**
[25] FR
[54] **NACELLE FOR AN AIRCRAFT TURBOJET ENGINE COMPRISING A SECONDARY NOZZLE SECTION WITH ROTARY DOORS**
[54] **NACELLE POUR TURBOREACTEUR D'AERONEF COMPRENANT UNE TUYERE SECONDAIRE A PORTES ROTATIVES**
[72] TISSOT, SARAH, FR
[72] BOUTEILLER, XAVIER, FR
[72] KERBLER, OLIVIER, FR
[72] GONIDEC, PATRICK, FR
[71] SAFRAN NACELLES, FR
[85] 2016-11-21
[86] 2015-05-20 (PCT/FR2015/051323)
[87] (WO2015/181471)
[30] FR (14/54927) 2014-05-30

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[13] A1
[51] **Int.Cl. A42B 3/10 (2006.01) A42B 3/06 (2006.01)**
[25] EN
[54] **HELMET**
[54] **CASQUE**
[72] LEATT, CHRISTOPHER JAMES, ZA
[72] KEEVY, PIETER ANDRE, ZA
[72] STEFFENS, JORN PETER, DE
[71] LEATT CORPORATION, US
[85] 2016-11-21
[86] 2015-05-21 (PCT/IB2015/053735)
[87] (WO2015/177747)
[30] GB (1409041.9) 2014-05-21

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[13] A1
[51] **Int.Cl. A22C 29/02 (2006.01) B65G 47/24 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR POSITIONING OF SHRIMP**
[54] **APPAREIL ET PROCEDE DE POSITIONNEMENT DE CREVETTES**
[72] KANT, ALBERT, NL
[71] KANT, ALBERT, NL
[85] 2016-11-21
[86] 2015-05-27 (PCT/NL2015/050381)
[87] (WO2015/183089)
[30] NL (2012902) 2014-05-28

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[13] A1
[51] **Int.Cl. B60R 22/48 (2006.01) B60R 22/12 (2006.01) B60R 22/18 (2006.01)**
[25] EN
[54] **DRIVER SEAT FOR OPERATOR AND DUMP TRUCK INCLUDING THE SAME**
[54] **SIEGE DE CONDUCTEUR DESTINE AU CONDUCTEUR ET CAMION A BENNE EQUIPE DUDIT SIEGE**
[72] SHODA, TAKUMA, JP
[72] NISHIDA, SHUNSUKE, JP
[72] WADA, HIROFUMI, JP
[71] KOMATSU LTD., JP
[85] 2016-10-27
[86] 2016-08-12 (PCT/JP2016/073802)
[87] (2949794)

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[51] **Int.Cl. F02C 7/06 (2006.01) F02C 7/32 (2006.01) F16H 57/04 (2010.01) F16N 9/02 (2006.01)**
[25] FR
[54] **GEARBOX OF AIRCRAFT TURBINE ENGINE**
[54] **BOITE D'ENGRENAGES DE TURBOMACHINE D'AERONEF**
[72] LEPRETRE, JEAN-BAPTISTE ETIENNE BERNARD, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2016-11-21
[86] 2015-05-22 (PCT/FR2015/051374)
[87] (WO2015/177487)
[30] FR (1454679) 2014-05-23

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[51] **Int.Cl. E03D 9/05 (2006.01) A47K 13/30 (2006.01)**
[25] EN
[54] **TOILET VENTILATION SYSTEM**
[54] **SYSTEME DE VENTILATION DE TOILETTES**
[72] PAYZIEV, ABDULAZIZ, US
[71] PAYZIEV, ABDULAZIZ, US
[71] PAYZIEV, AKMAL, US
[85] 2016-11-21
[86] 2015-05-22 (PCT/US2015/032196)
[87] (WO2015/179774)
[30] US (62/001,917) 2014-05-22
[30] US (14/719,399) 2015-05-22

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[13] A1
[51] **Int.Cl. A61M 1/10 (2006.01)**
[25] EN
[54] **A DEVICE AND A METHOD FOR PROVIDING RESUSCITATION OR SUSPENDED STATE IN CARDIAC ARREST**
[54] **DISPOSITIF ET PROCEDE POUR PRODUIRE UNE REANIMATION OU UN ETAT SUSPENDU EN ARRET CARDIAQUE**
[72] FROST, HABIB, DK
[71] NEURESCUE APS, DK
[85] 2016-11-22
[86] 2015-05-26 (PCT/EP2015/061587)
[87] (WO2015/181167)
[30] DK (PA 2014 70302) 2014-05-26
[30] DK (PA 2014 70668) 2014-10-31

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[13] A1
[51] **Int.Cl. C09D 183/04 (2006.01) A61M 5/31 (2006.01) C09D 5/00 (2006.01) C10M 107/50 (2006.01)**
[25] EN
[54] **METHOD FOR STORING AN EMULSION-ADJUVANTED VACCINE IN A LUBRICATED MEDICAL INJECTION DEVICE**
[54] **PROCEDE DE STOCKAGE DE VACCIN A ADJUVANT EN EMULSION DANS UN DISPOSITIF D'INJECTION MEDICAL LUBRIFIE**
[72] HAMEL, JEAN-BERNARD, FR
[72] BONHOURE, FABIEN, FR
[72] JOUFFRAY, SEBASTIEN, FR
[72] BRALET, NICOLAS, FR
[71] BECTON DICKINSON FRANCE, FR
[85] 2016-11-22
[86] 2015-05-26 (PCT/EP2015/061594)
[87] (WO2015/181173)
[30] EP (14305781.8) 2014-05-26

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[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **CAPSULE PROCESSING UNIT OF BEVERAGE PREPARATION MACHINE**
[54] **UNITE DE TRAITEMENT DE CAPSULES DE MACHINE DE PREPARATION DE BOISSONS**
[72] FLICK, JEAN-MARC, CH
[72] RYSER, ANTOINE, CH
[72] PARTZSCH, MILENA, CH
[71] NESTEC S.A., CH
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[13] A1
[51] **Int.Cl. C11B 7/00 (2006.01) C07H 15/04 (2006.01) C11B 1/10 (2006.01) C11B 3/00 (2006.01) C11B 3/16 (2006.01) C11B 11/00 (2006.01) C11C 1/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR OBTAINING GLYCOGLYCEROLIPIDS AND GLYCOSPHINGOLIPIDS FROM LIPID PHASES**
[54] **DISPOSITIF ET PROCEDES D'OBTENTION DE GLYCOGLYCEROLIPIDES ET GLYCOSPHINGOLIPIDES A PARTIR DE PHASES LIPOIDES**
[72] DIETZ, ULRICH, DE
[72] HRUSCHKA, STEFFEN, DE
[71] NANOSCIENCE FOR LIFE GMBH & COKG, DE
[71] GEA WESTFALIA SEPARATOR GROUP GMBH, DE
[85] 2016-11-22
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[87] (WO2015/185675)
[30] DE (10 2014 210 662.1) 2014-06-04

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[51] **Int.Cl. B67D 1/14 (2006.01)**
[25] EN
[54] **BEVERAGE DISPENSING ASSEMBLY WITH FLEXIBLE VALVE**
[54] **ENSEMBLE DE DISTRIBUTION DE BOISSON AYANT UNE VALVE SOUPLE**
[72] RASMUSSEN, JAN NORAGER, DK
[72] VESBORG, STEEN, DK
[71] CARLSBERG BREWERIES A/S, DK
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[54] **SYSTEME DE STOCKAGE OU D'AFFICHAGE COMPRENANT UN BAC**
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[72] MISENER, AARON, US
[71] NESTEC S.A., CH
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[25] EN
[54] **EXPANSION AND ENGRAFTMENT OF STEM CELLS USING NOTCH 1 AND/OR NOTCH 2 AGONISTS**
[54] **EXPANSION ET PRISE DE GREFFE DE CELLULES SOUCHES A L'AIDE D'AGONISTES DE NOTCH 1 ET/OU DE NOTCH 2**
[72] BERNSTEIN, IRWIN D., US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
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[54] **BLOCK-IN-SHELL HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR A BLOC EN COQUE**
[72] BROCK, MARTIN, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **METHOD AND COMPOSITION FOR TREATING HEART FAILURE WITH PRESERVED EJECTION FRACTION**
[54] **METHODE ET COMPOSITION POUR LE TRAITEMENT DE L'INSUFFISANCE CARDIAQUE A FRACTION D'EJECTION PRESERVEE**
[72] DSCHIETZIG, THOMAS, DE
[71] IMMUNDIAGNOSTIK AG, DE
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[54] **METHOD FOR PRODUCING A NATURAL SWEETENER**
[54] **PROCEDE D'ELABORATION D'UN EDULCORANT NATUREL**
[72] LOPEZ MARTIN, JOSE MANUEL, ES
[72] GONZALEZ BOLULLO, SANTIAGO, ES
[72] BEZARES BOLULLO, JORGE, ES
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[25] EN
[54] **PROCESS FOR STARTING AN INTERNAL COMBUSTION ENGINE**
[54] **PROCEDE DE DEMARRAGE D'UN MOTEUR A COMBUSTION INTERNE**
[72] CAPOZZELLA, PAOLO, IT
[72] CANTINI, JURY, IT
[72] MILANI, JEANPAUL, IT
[71] PIAGGIO & C. S.P.A., IT
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[54] **EAU AMELIOREE PHYTOCHIMIQUE**
[72] THOMAS, THOMAS NADACKAL, US
[72] THOMAS, PREM MANI, US
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[54] **METHOD AND SYSTEM FOR SEPARATING FLUIDS IN A DISTILLATION TOWER**
[54] **PROCEDE ET SYSTEME DE SEPARATION DE FLUIDES DANS UNE TOUR DE DISTILLATION**
[72] NORTHROP, P. SCOTT, US
[72] VALENCIA, JAIME, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[25] EN
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[54] **INSERT DE CATHETER SUR AIGUILLE**
[72] KHALAJ, STEVE SAEED, US
[71] AVENT, INC., US
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR MODIFYING A TARGETED LOCUS**
[54] **PROCEDES ET COMPOSITIONS POUR LA MODIFICATION D'UN LOCUS CIBLE**
[72] AUERBACH, WOJTEK, US
[72] FRENDEWEY, DAVID, US
[72] DROGUETT, GUSTAVO, US
[72] GAGLIARDI, ANTHONY, US
[72] KUNO, JUNKO, US
[72] VALENZUELA, DAVID M., US
[71] REGENERON PHARMACEUTICALS, INC., US
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[25] EN
[54] **RECIRCULATING SYSTEM FOR A FUEL SUPPLY SYSTEM FOR A MOTOR AND METHOD FOR SUPPLYING FUEL TO A MOTOR OF A VEHICLE THROUGH SUCH A SUPPLY SYSTEM**
[54] **SYSTEME DE RECIRCULATION POUR UN SYSTEME D'ALIMENTATION EN CARBURANT POUR UN MOTEUR ET PROCEDE D'ALIMENTATION EN CARBURANT D'UN MOTEUR D'UN VEHICULE PAR LE BIAIS D'UN TEL SYSTEMED'ALIMENTATION**
[72] CIPPITANI, LUCIANO, IT
[71] ICOMET S.R.L., IT
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[54] **FIRE RETARDANT DARKENING SCREEN**
[54] **ECRAN OCCULTANT IGNIFUGE**
[72] PARREIN, TIM, BE
[72] SWENNEN, IVES, BE
[71] LOW & BONAR, BE
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[25] EN
[54] **PANEL ASSEMBLY, AND EMBOSSING ELEMENT AND DECORATIVE PAPER SHEET FOR PRODUCING SUCH A PANEL ASSEMBLY**
[54] **ASSEMBLAGE DE PANNEAUX, AINSI QU'ELEMENT DE MARQUAGE ET FEUILLE DE PAPIER DECORATIF POUR LA FABRICATION D'UN TEL ASSEMBLAGE DE PANNEAUX**
[72] DURNBERGER, GERHARD, AT
[71] KAINDL FLOORING GMBH, AT
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[51] **Int.Cl. A61M 15/00 (2006.01) B65D 83/52 (2006.01)**
[25] EN
[54] **DRY POWDER INHALER AND INHALATION ACTUATED MECHANISM THEREOF**
[54] **INHALATEUR DE POUDRE SECHE ET MECANISME ACTIONNE PAR INHALATION CORRESPONDANT**
[72] TAMPIERI, VALERIO, IT
[72] ZUCCHERI, LORENZO, IT
[72] ILANDI, EMILIANO, IT
[72] CAMPANINI, ALICE, IT
[72] PASQUALI, IRENE, IT
[72] LINNANE, PATRICK GERARD, IT
[72] HAWSON, NICHOLAS LEE, IT
[72] GALE, DAVID, IT
[72] GARRAD, JOANNE, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
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[51] **Int.Cl. F04D 15/00 (2006.01) F04D 15/02 (2006.01) F04D 29/70 (2006.01) F04D 7/04 (2006.01)**
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[54] **METHOD FOR CONTROLLING A PUMP ARRANGEMENT**
[54] **PROCEDE DE COMMANDE D'UN DISPOSITIF DE POMPE**
[72] FULLEMANN, ALEXANDER, SE
[71] XYLEM IP MANAGEMENT S.A R.L., LU
[85] 2016-11-24
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[51] **Int.Cl. F01P 7/16 (2006.01) F01P 5/10 (2006.01)**
[25] EN
[54] **A WATER-COOLED INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE A REFROIDISSEMENT PAR EAU**
[72] DOVERI, STEFANO, IT
[71] PIAGGIO & C. S.P.A., IT
[85] 2016-11-24
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[25] FR
[54] **SEALING PLATE WITH FUSE FUNCTION**
[54] **PLATINE D'ETANCHEITE A FONCTION DE FUSIBLE**
[72] PALAZUELOS, MIGUEL RAYMOND, FR
[72] BARBIER-NEVEU, CLELIA ANTOINETTE, FR
[72] GUSTAVE, DEVRADJ MARIE-GUY, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2016-11-24
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[25] EN
[54] **COMPOSITIONS, SYSTEMS, AND METHODS FOR DETECTING EVENTS USING TETHERS ANCHORED TO OR ADJACENT TO NANOPORES**
[54] **COMPOSITIONS, SYSTEMES ET PROCEDES POUR DETECTER DES EVENEMENTS A L'AIDE D'ATTACHES ANCREES OU ADJACENTES A DES NANOPORES**
[72] MANDELL, JEFFREY G., US
[72] GUNDERSON, KEVIN L., US
[72] GUNDLACH, JENS H., US
[71] ILLUMINA, INC., US
[85] 2016-11-24
[86] 2015-06-02 (PCT/US2015/033749)
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[25] EN
[54] **VICIA FABA PROTEIN FOOD PRODUCTS**
[54] **PRODUITS ALIMENTAIRES RENFERMANT LA PROTEINE DE VICIA FABA**
[72] OLLILA, TARJA, FI
[71] VERSO FOOD OY, FI
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[25] EN
[54] **COMPOSTABLE ABSORBENT ARTICLE**
[54] **ARTICLE ABSORBANT COMPOSTABLE**
[72] REBIERE, CHRISTIAN, IT
[71] LB LYOPHARM S.R.L., IT
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[30] IT (RM2014A000294) 2014-06-06

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[51] **Int.Cl. C07K 16/18 (2006.01)**
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[54] **ANTIBODY WHICH IS DIRECTED AGAINST GALECTIN-9 AND IS AN INHIBITOR OF THE SUPPRESSOR ACTIVITY OF REGULATORY T LYMPHOCYTES**
[54] **ANTICORPS DIRIGE CONTRE LA GALECTINE 9 ET INHIBITEUR DE L'ACTIVITE SUPPRESSIVE DES LYMPHOCYTES T REGULATEURS**
[72] DELHEM, NADIRA, FR
[72] BUSSON, PIERRE, FR
[72] MORALES, OLIVIER, FR
[72] BARJON, CLEMENT, FR
[72] MRIZAK, DHAFER, FR
[72] LHUILLIER, CLAIRE, FR
[72] MUSTAPHA, RAMI, FR
[71] UNIVERSITE SCIENCES TECHNOLOGIES LILLE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE-CNRS-, FR
[71] INSTITUT GUSTAVE ROUSSY, FR
[71] CELLVAX, FR
[71] UNIVERSITE DU DROIT ET DE LA SANTE LILLE 2, FR
[71] UNIVERSITE PARIS-SUD, FR
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[86] 2015-06-05 (PCT/FR2015/051498)
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[13] A1
[51] **Int.Cl. F28F 3/04 (2006.01)**
[25] EN
[54] **HEAT TRANSFER PLATE AND PLATE HEAT EXCHANGER COMPRISING SUCH A HEAT TRANSFER PLATE**
[54] **PLAQUE DE TRANSFERT DE CHALEUR ET ECHANGEUR DE CHALEUR A PLAQUE COMPRENANT UNE TELLE PLAQUE DE TRANSFERT DE CHALEUR**
[72] BLOMGREN, FREDRIK, SE
[71] ALFA LAVAL CORPORATE AB, SE
[85] 2016-11-28
[86] 2015-05-21 (PCT/EP2015/061245)
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[51] **Int.Cl. C12P 19/14 (2006.01) C08H 8/00 (2010.01) C12P 7/10 (2006.01) C12P 19/02 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING, IN PARTICULAR ETHANOL, BY SEQUENCED ENZYMATIC HYDROLYSIS OF CELLULOSE AND HEMICELLULOSES OF A LIGNOCELLULOSIC RAW MATERIAL**
[54] **PROCEDE DE PRODUCTION, EN PARTICULIER D'ETHANOL, PAR HYDROLYSE ENZYMATIQUE SEQUENCEE DE CELLULOSE ET D'HEMICELLULOSES PROVENANT DE MATIERE PREMIERE LIGNOCELLULOSIQUE**
[72] BENJELLOUN MLAYAH, BOUCHRA, FR
[72] DELMAS, MICHEL, FR
[71] COMPAGNIE INDUSTRIELLE DE LA MATIERE VEGETALE - CIMV, FR
[85] 2016-11-28
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[87] (WO2015/185639)
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[25] EN
[54] **HUMAN HEPATIC 3D CO-CULTURE MODEL AND USES THEREOF**
[54] **MODELE DE COCULTURE HEPATIQUE HUMAINE TRIDIMENSIONNELLE ET SES UTILISATIONS**
[72] LEITE, SOFIA BATISTA, BE
[72] VAN GRUNSVEN, LEO, BE
[71] VRIJE UNIVERSITEIT BRUSSEL, BE
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[51] **Int.Cl. E21B 27/02 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **DUAL FUNCTION DOWNHOLE TOOL**
[54] **OUTIL DE FOND DE PUITS A DOUBLE FONCTION**
[72] KRUGER, CHRISTIAN, DK
[72] GRABAEK, PETER, DK
[71] WELLTEC A/S, DK
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[87] (WO2015/189239)
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[13] A1
[51] **Int.Cl. B60P 7/13 (2006.01) B64D 9/00 (2006.01)**
[25] EN
[54] **DEVICE, SYSTEM, AND METHOD FOR LIMITING MOVEMENT OF A CARGO CONTAINER IN A CARGO AREA**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE LIMITATION DE DEPLACEMENT D'UN CONTENEUR DE FRET DANS UNE ZONE DE FRET**
[72] HINDY, ABDELRAZAK, US
[71] FEDERAL EXPRESS CORPORATION, US
[85] 2016-11-28
[86] 2015-06-02 (PCT/US2015/033673)
[87] (WO2015/187621)
[30] US (14/295,982) 2014-06-04

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[51] **Int.Cl. B42D 25/369 (2014.01) B42D 25/355 (2014.01)**
[25] EN
[54] **OPTICALLY VARIABLE MAGNETIC SECURITY THREADS AND STRIPES**
[54] **FILS ET BANDES DE SECURITE MAGNETIQUES VARIABLES OPTIQUEMENT**
[72] DEMANGE, RAYNALD, CH
[72] FAVRE, DOMINIQUE, CH
[72] RITTER, GEBHARD, CH
[72] KRUEGER, JESSICA, CH
[72] DEGOTT, PIERRE, CH
[71] SICPA HOLDING SA, CH
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[87] (WO2016/005158)
[30] EP (14176305.2) 2014-07-09

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[51] **Int.Cl. A61M 1/36 (2006.01)**
[25] EN
[54] **METHOD FOR REMOVING BLOOD FROM AN EXTRACORPOREAL BLOOD CIRCUIT UNDER PRESSURE CONTROL AND APPARATUSES**
[54] **PROCEDE D'ELIMINATION DE FLUIDE A PARTIR D'UN FILTRE SANGUIN APRES LA FIN D'UNE SEANCE DE TRAITEMENT DU SANG AU MOYEN D'UNE AUGMENTATION D'ECOULEMENT ET DISPOSITIF DE TRAITEMENT POUR EFFECTUER CE PROCEDE**
[72] HACKER, JURGEN, DE
[72] GRONAU, SOREN, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2016-11-29
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[25] EN
[54] **DEVICE FOR IMMOBILISING THE CHUTE ON THE ENDS OF JOURNALS IN AN APPARATUS FOR LOADING A SHAFT FURNACE**
[54] **DISPOSITIF DE BLOCAGE DE LA GOULOTTE SUR LES EXTREMITES DES TOURILLONS, DANS UNE INSTALLATION DE CHARGEMENT D'UN FOUR A CUVE**
[72] TOCKERT, PAUL, LU
[72] RIZZUTI, ETTORE, LU
[71] PAUL WURTH S.A., LU
[85] 2016-11-29
[86] 2015-07-02 (PCT/EP2015/065109)
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[30] LU (LU 92494) 2014-07-07

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[25] EN
[54] **PREPARATION AND USE OF CRYSTALLINE BETA-D-NICOTINAMIDE RIBOSIDE**
[54] **PREPARATION ET UTILISATION DE BETA-D-NICOTINAMIDE RIBOSIDE CRISTALLIN**
[72] SZCZEPANKIEWICZ, BRUCE, US
[72] KOPPETSCH, KARSTEN, US
[72] PERNI, ROBERT B., US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
[85] 2016-11-29
[86] 2015-06-02 (PCT/IB2015/054181)
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[51] **Int.Cl. A61B 10/02 (2006.01) A61B 10/04 (2006.01)**
[25] EN
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[54] **INSTRUMENT DE BIOPSIE ENDOSCOPIQUE**
[72] WALTHER, CHARLES, SE
[72] DYMLING, STEPHAN, SE
[72] WALTHER, BRUNO, SE
[71] WALTHER, CHARLES, SE
[71] DYMLING, STEPHAN, SE
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[54] **COMPOSITIONS RENFERMANT DES FIBRES OBTENUES PAR VOIE ELECTROHYDRODYNAMIQUE POUR L'ADMINISTRATION DE DOSES SPECIFIQUES D'UNE SUBSTANCE ACTIVE A LA PEAU OU A UNE MUQUEUSE**
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[72] CHRISTIANSEN, LARS HELLERUNG, DK
[71] DERMTREAT APS, DK
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[54] **METHODE DE FABRICATION D'UN MODELE DE FORAGE DENTAIRE**
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[71] MED.DENT.MINDS GMBH, DE
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[54] **METHODES DE REDUCTION DU BIAIS CG DEPENDANT DE LA DENSITE DANS L'AMPLIFICATION**
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[72] SHANAHAN, SUSAN, GB
[72] RIGATTI, ROBERTO, GB
[71] ILLUMINA CAMBRIDGE LIMITED, GB
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[54] **UTILISATION DE MICROPEPTIDES POUR FAVORISER LA CROISSANCE DES PLANTES**
[72] COMBIER, JEAN-PHILIPPE, FR
[72] LAURESSERGUES, DOMINIQUE, FR
[72] BECARD, GUILLAUME, FR
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[72] ALPHEY, LUKE, GB
[72] WARNER, SIMON, GB
[71] OXITEC LIMITED, GB
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[54] **ROBOT HUMANOIDE DOTE DE CAPACITES D'EVITEMENT DE COLLISION ET DE REPRISE DE TRAJECTOIRE**
[72] DALIBARD, SEBASTIEN, FR
[72] GARCIA, ALDENIS, FR
[72] COLLETTE, CYRILLE, FR
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[54] **COMPOSITION FORMANT UNE COUCHE ISOLANTE ET SON UTILISATION**
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[72] JEROMENOK, JEKATERINA, DE
[72] LANG, MARTIN, DE
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[54] **THERAPIE A L'AIDE D'UN INHIBITEUR DU FACTEUR XII DANS UN TROUBLE NEUROTRAUMATIQUE**
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[72] NOLTE, MARC, DE
[72] SIREN, ANNA-LEENA, DE
[72] ALBERT-WEISSENBERGER, CHRISTIANE, DE
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[54] **BOITE AVEC SAC INTERIEUR POUR ALIMENT LIQUIDE**
[72] MERTENS DE WILMARS, ETIENNE, BE
[72] TACHENY, THIERRY, BE
[71] MERTENS DE WILMARS, ETIENNE, BE
[71] TACHENY, THIERRY, BE
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[54] **PROCEDE DE DIMENSIONNEMENT D'UNE TURBOMACHINE**
[72] PARENT, MARIE-OCEANE, FR
[72] CHEVILLOT, FABRICE JOEL LUC, FR
[72] THOUVEREZ, FABRICE HUGUES JEAN PIERRE, FR
[71] ECOLE NATIONALE D'INGENIEURS DE SAINT ETIENNE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **COMPOSITION ACRYLIQUE MULTI-PARTIE POLYMERISABLE A FROID**
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[71] LUCITE INTERNATIONAL SPECIALITY POLYMERS AND RESINS LIMITED, GB
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[54] **ROTOR POUR TURBOMACHINE COMPORTANT DES AUBES A PLATES-FORMES RAPPORTEES**
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[72] BEAUJARD, ANTOINE JEAN-PHILIPPE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **COMPOSITION D'ADDITIF ALIMENTAIRE POUR REDUIRE LA PRODUCTION DE METHANE DES RUMINANTS**
[72] PARK, MIN AH, KR
[72] LEE, SEUNG HEON, KR
[72] KIM, SUNG HUN, KR
[72] KIM, IN BAE, KR
[72] YANG, SI YONG, KR
[72] CHEE, SEOK WOO, KR
[71] CJ CHEILJEDANG CORPORATION, KR
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[54] **UTILISATION DE MICROPEPTIDES POUR FAVORISER LA SYMBIOSE MYCORHIZIENNE**
[72] COMBIER, JEAN-PHILIPPE, FR
[72] LAURESSERGUES, DOMINIQUE, FR
[72] BECARD, GUILLAUME, FR
[71] UNIVERSITE TOULOUSE III-PAUL SABATIER, FR
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[72] MODY, SORAB RUSTOM, IN
[71] LUPIN LIMITED, IN
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[72] GALL, MATTHEW, US
[72] MCQUILLIAN, BRIAN B., US
[72] SMITH, ALEX, US
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[54] **SYSTEME ET PROCEDE DE SOUDAGE AYANT UN SYSTEME DE DETECTION D'ORIENTATION PERMETTANT UNE DETERMINATION D'ORIENTATION DE SOUDURE BASEE SUR LA GRAVITE**
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[72] WATSON, WILLIAM TODD, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **METHODES DE RECOLTE DE CULTURES DE CELLULES DE MAMMIFERES**
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[72] COLE, SEAN, US
[72] SABO, NICOLE, US
[72] LIN, HENRY, US
[72] LULL, JONATHAN, US
[72] THARMALINGAM, THARMALA, US
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[54] **BATTERY CHARGING BASE AND RECHARGING METHOD IMPLEMENTING SUCH A BASE**
[54] **BASE DE RECHARGEMENT D'UNE BATTERIE ET PROCEDE DE RECHARGE METTANT EN OEUVRE UNE TELLE BASE**
[72] CLERC, VINCENT, FR
[72] GARCIA, NICOLAS, FR
[72] SOUCHET, LUCAS, FR
[72] CHEVRY, VINCENT, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
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[54] **MATERIAUX ZEOLITIQUES DE TYPE CHA ET LEURS PROCEDES DE PREPARATION A L'AIDE DE COMBINAISONS DE COMPOSES CYCLOALKYL- ET TETRAALKYLAMMONIUM**
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[72] YANG, JEFF, US
[72] RUETZ, ROGER, DE
[72] MULLER, ULRICH, DE
[71] BASF SE, DE
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[54] **MACHINE FRIGORIFIQUE A COMPRESSION MUNIE D'UN COMPRESSEUR A VIS**
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[72] BIDDULPH, CHRIS, GB
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[72] WAGNER, JULIET B., US
[72] LYNN, TIMOTHY R., US
[72] PEQUENO, R. ERIC, US
[72] SAVATSKY, BRUCE J., US
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[54] **PROCEDE D'OPTIMISATION DU DESSIN D'UN COMPOSANT D'ARTHROPLASTIE ARTICULAIRE**
[72] SPERLING, JOHN W., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
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[54] **DISPOSITIF DE DEPOSE/REPOSE RAPIDE D'UN DOSSIER DE SIEGE DE VEHICULE, ET ENSEMBLE SIEGE LE COMPRENANT**
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[54] **PROCEDE A BASE DE REFLECTANCE ABSOLUE RAPIDE POUR LA DETERMINATION DE L'EPAISSEUR DE LA COUCHE LIPIDIQUE DU FILM LACRYMAL**
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[54] **BASE DE MASSELOTTE INSERABLE, MOULE EN SABLE, DISPOSITIF DE MOULAGE COMPOSE DE LA BASE DE MASSELOTTE INSERABLE ET DU MOULE EN SABLE, ET PROCEDE PERMETTANT D'OBTENIR LE DISPOSITIF DE MOULAGE**
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[54] **ANALOGUES DE NICOTINAMIDE RIBOSIDE, COMPOSITIONS PHARMACEUTIQUES ET LEURS UTILISATIONS**
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[54] **PROCEDE D'ELECTROLYSE ET SYSTEME D'ELECTROLYSE A FLUIDES DE BALAYAGE REMIS EN CIRCULATION**
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[54] **DETERMINATION DE RECONNAISSANCE D'ANTIGENE PAR L'INTERMEDIAIRE D'UN MARQUAGE PAR CODE-BARRES DE MULTIMERES DU CMH**
[72] REKER HADRUP, SINE, DK
[72] PEDERSEN, HENRIK, DK
[72] JAKOBSEN, SOREN, DK
[72] BENTZEN, AMALIE KAI, DK
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[54] **SUPPORT DE SUSPENSION CACHE POUR PLACARDS MURAUX**
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[71] LEONARDO S.R.L., IT
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[54] **SUPPORT DE SUSPENSION VISIBLE COMPRENANT UN SYSTEME ANTI-DESOLIDARISATION AMELIORE POUR PLACARDS MURAUX**
[72] CATTANEO, CARLO, IT
[71] LEONARDO S.R.L., IT
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[54] **SUPPORT D'ACCROCHAGE DISSIMULE EQUIPE D'UN SYSTEME ANTI-DESOLIDARISATION PERFECTIONNE POUR ARMOIRES MURALES**
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[71] LEONARDO S.R.L., IT
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[54] **BETON PHOTOVOLTAIQUE, SON PROCEDE DE FABRICATION ET ELEMENT DE CONSTRUCTION COMPRENANT UN TEL BETON**
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[71] LAFARGE, FR
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[54] **PROCEDE DE FABRICATION D'UN SUPPORT DE DONNEES MULTICOUCHE A MARQUAGE DE SECURITE ET POUVANT ETRE MARQUE PAR LASER**
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[72] BES, LAURENCE, FR
[71] FASVER, FR
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[54] **DISPOSITIF DE BROYAGE D'ALIMENTS**
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[54] **FILM RENFORCE POUR UNITARISATION DE MARCHANDISES**
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[72] KARANDINOS, ANTHONY G., GR
[71] MEGAPLAST S.A. PACKAGING MATERIALS INDUSTRY, GR
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[54] **SURFACE CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE SURFACE**
[72] THORNE, JASON, US
[71] SHARKNINJA OPERATING LLC, US
[85] 2016-12-05
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[54] **TISSU POUR BLINDAGE ELECTROMAGNETIQUE**
[72] CLEMENT, GILLES, FR
[72] OMERIN, PIERRE, FR
[71] TRESSE INDUSTRIE, FR
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[54] **EMULSIFICATION OF HYDROPHOBIC ORGANOPHOSPHOROUS COMPOUNDS**
[54] **EMULSIFICATION DE COMPOSES ORGANOPHOSPHORES HYDROPHOBES**
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[71] ALEXIUM INC., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING ANIMAL HEALTH, NUTRITION, AND/OR WELLNESS RECOMMENDATIONS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR DES RECOMMANDATIONS EN MATIERE DE SANTE, DE NUTRITION ET/OU DE BIEN-ETRE ANIMAL**
[72] DONAVON, MARK A., US
[71] NESTEC S.A., CH
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[54] **PRODUCTION ELECTROLYTIQUE D'AMMONIAC**
[72] SKULASON, EGILL, IS
[71] HASKOLI ISLANDS, IS
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[54] **CELLULE D'ELECTROLYSE NON DIVISEE A ESPACE ETROIT**
[72] SUMMERS, DAVID A., CA
[72] BAILEY, IAN, CA
[71] CHEMETICS INC., CA
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[54] **GYPSUM PRODUCTS WITH FORTIFIED GLASS FIBER MAT**
[54] **PRODUITS A BASE DE GYPSE COMPORTANT UN FEUTRE EN FIBRE DE VERRE RENFORCE**
[72] LI, ALFRED, US
[72] ALDABAIBEH, NASER, US
[71] UNITED STATES GYPSUM COMPANY, US
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[54] **RED-EMITTING PHOSPHORS AND ASSOCIATED DEVICES**
[54] **LUMINOPHORES EMETTANT DE LA LUMIERE ROUGE ET DISPOSITIFS ASSOCIES**
[72] MURPHY, JAMES EDWARD, US
[72] SETLUR, ANANT ACHYUT, US
[72] GARCIA, FLORENCIO, US
[72] SISTA, SRINIVAS PRASAD, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **IMMUNOGENIC COMBINATIONS**
[54] **COMBINAISONS IMMUNOGENES**
[72] STEFF, ANN-MURIEL, CA
[72] TOUSSAINT, JEAN-FRANCOIS, BE
[72] VITELLI, ALESSANDRA, BE
[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
[85] 2016-12-07
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[54] **DISPENSER PREPARING BEVERAGES FROM POWDERS**
[54] **DISTRIBUTEUR PREPARANT DES BOISSONS A PARTIR DE POUDRES**
[72] HINDEREGGER, ERICH, AT
[72] FLUCK, PATRICK, CH
[72] CALDERONE, ROBERTO ANGELO, CH
[72] REY, CEDRIC, CH
[71] NESTEC S.A., CH
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[25] EN
[54] **METHOD OF WELDING FERRITIC STAINLESS STEEL TO CARBON STEEL USING A FILLER MATERIAL MADE OF DUPLEX STAINLESS STELL; CORRESPONDING WELDED ARTICLE**
[54] **PROCEDE DE SOUDAGE D'ACIER INOXYDABLE FERRITIQUE A DE L'ACIER AU CARBONE A L'AIDE D'UN MATERIAU DE CHARGE REALISE EN ACIER INOXYDABLE DUPLEX ; ARTICLE SOUDE CORRESPONDANT**
[72] KOZAK, PAUL, CA
[72] TAVAKOLI, ARASH, CA
[71] CHEMETICS INC., CA
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[54] **FLEXIBLE GLASS LAMINATE STRUCTURES FOR ARCHITECTURAL DESIGN AND OTHER APPLICATIONS**
[54] **STRUCTURES DE VERRE FEUILLETE FLEXIBLE POUR CONCEPTIONS ARCHITECTURALES ET AUTRES APPLICATIONS**
[72] GOPALAKRISHNAN, KARTHIK, US
[72] PRICE, MICHAEL WILLIAM, US
[72] SMITH, ROBERT LEE, US
[72] THOMAS, WINDSOR PIPES, III, US
[72] WEBB, JAMES ERNEST, US
[71] CORNING INCORPORATED, US
[85] 2016-12-06
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[54] **ENCAPSULANT OF A PHOTOVOLTAIC MODULE**
[54] **ENCAPSULANT D'UN MODULE PHOTOVOLTAIQUE**
[72] JACQUES, GUILLAUME, FR
[72] BIZET, STEPHANE, FR
[72] SAVIGNAT, BENOIT, FR
[71] ARKEMA FRANCE, FR
[85] 2016-12-07
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[25] FR
[54] **ADHESIVE SEALING COMPOSITION**
[54] **COMPOSITION ADHESIVE DE SCELLAGE**
[72] COCQUET, CLIO, FR
[72] LAURENT, BETTY, FR
[72] DEVISME, SAMUEL, FR
[71] ARKEMA FRANCE, FR
[85] 2016-12-07
[86] 2015-06-09 (PCT/FR2015/051517)
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[25] EN
[54] **PREDICTING THE ABILITY OF ATLANTIC SALMON TO UTILISE DIETARY PIGMENT BASED ON THE DETERMINATION OF POLYMORPHISMS**
[54] **PREDICTION DE LA CAPACITE DU SAUMON DE L'ATLANTIQUE EN VUE D'UTILISER UN PIGMENT ALIMENTAIRE SUR LA BASE DE LA DETERMINATION DE POLYMORPHISMES**
[72] LIEN, SIGBJORN, NO
[72] SODELAND, MARTE, NO
[72] MOEN, THOMAS, NO
[71] AQUAGEN AS, NO
[85] 2016-12-07
[86] 2015-06-10 (PCT/GB2015/051713)
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[25] EN
[54] **SWING-AND-SLIDE DOOR MODULE WITH A CENTRAL FUNCTION CONNECTION**
[54] **MODULE DE PORTE COULISSANTE BATTANTE AVEC CONNEXION DE FONCTION CENTRALE**
[72] ERNST, MICHAEL, AT
[72] MAIR, ANDREAS, AT
[72] ZARL, HEINZ, AT
[71] KNORR-BREMSE GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, AT
[85] 2016-12-08
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[25] FR
[54] **METHOD FOR PRODUCING A LOW-ALLOY STEEL INGOT**
[54] **PROCEDE POUR FABRIQUER UN LINGOT D'ACIER FAIBLEMENT ALLIE**
[72] FERRER, LAURENT, FR
[72] BINOT, NICOLAS, FR
[71] SAFRAN LANDING SYSTEMS, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2016-12-07
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[51] **Int.Cl. A01N 63/02 (2006.01) A01P 1/00 (2006.01) A01P 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR PROPHYLAXIS OF INFECTIONS IN CROPS AND ORNAMENTALS, PREFERABLY IN VITICULTURE, AND IN WOODY PLANTS**
[54] **PROCEDE DE PROPHYLAXIE DES INFECTIONS DES PLANTES CULTIVEES ET ORNEMENTALES, DE PREFERENCE LES VIGNES ET LES ARBRES**
[72] GERHARDT, MATTHIAS, DE
[72] PHEIFFER, JOACHIM, DE
[72] KASSEMEYER, HANNS-HEINZ, DE
[72] FUCHS, RENE, DE
[72] JACOBS, SOPHIE, DE
[71] BIOPRACT GMBH, DE
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[30] DE (10 2014 009 813.3) 2014-07-03

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[51] **Int.Cl. A47L 11/00 (2006.01) A47L 9/00 (2006.01)**
[25] EN
[54] **MOVABLE DEVICE**
[54] **DISPOSITIF MOBILE**
[72] RUECKHEIM, MARKUS, DE
[72] MAST, CHRISTIAN, DE
[71] CARL FREUDENBERG KG, DE
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[51] **Int.Cl. C11D 1/62 (2006.01) C11D 3/33 (2006.01) C11D 3/39 (2006.01)**
[25] EN
[54] **FORMULATIONS, USE THEREOF AS OR FOR THE PRODUCTION OF DISHWASHING DETERGENTS, AND PRODUCTION THEREOF**
[54] **FORMULATIONS, LEUR UTILISATION COMME DETERGENTS POUR VAISSELLE OU POUR PRODUIRE DES DETERGENTS POUR VAISSELLE, ET LEUR PREPARATION**
[72] TURK, HOLGER, DE
[72] WEBER, HEIKE, DE
[72] TUERKOGLU, GAZI, DE
[72] GARCIA MARCOS, ALEJANDRA, DE
[71] BASF SE, DE
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[51] **Int.Cl. C09K 21/06 (2006.01) C09D 5/18 (2006.01)**
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[54] **FIRE-PROOFING COMPOSITION AND USE THEREOF**
[54] **COMPOSITION DE PROTECTION CONTRE LE FEU ET SON UTILISATION**
[72] SIMON, SEBASTIAN, DE
[72] THIEMANN, FRANK, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[51] **Int.Cl. B22D 41/50 (2006.01) B22D 11/10 (2006.01)**
[25] EN
[54] **THIN SLAB NOZZLE FOR DISTRIBUTING HIGH MASS FLOW RATES**
[54] **BUSE DE BRAME MINCE POUR DISTRIBUTION DE DEBITS MASSIQUES ELEVES**
[72] ARVEDI, GIOVANNI, IT
[72] BIANCHI, ANDREA TEODORO, IT
[72] RICHAUD, JOHAN, FR
[71] ARVEDI STEEL ENGINEERING S.P.A., IT
[71] VESUVIUS CRUCIBLE COMPANY, US
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[51] **Int.Cl. F25J 3/02 (2006.01) B01D 3/32 (2006.01)**
[25] EN
[54] **METHOD FOR SEPARATING A FEED GAS IN A COLUMN**
[54] **PROCEDE DE SEPARATION D'UN GAZ D'ALIMENTATION DANS UNE COLONNE**
[72] OELFKE, RUSSELL H., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2016-12-08
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[51] **Int.Cl. A63G 31/02 (2006.01) A63G 21/00 (2006.01) A63G 31/16 (2006.01)**
[25] EN
[54] **MOVING SHOW DOOR**
[54] **PORTE DE MANEGE MOBILE**
[72] VANCE, ERIC A., US
[72] HUNT, ERIC L., US
[72] MASON, DALE, US
[72] MCVEEN, KEITH, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2016-12-08
[86] 2015-06-05 (PCT/US2015/034502)
[87] (WO2015/191400)
[30] US (14/300,941) 2014-06-10

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[51] **Int.Cl. C08F 292/00 (2006.01) C09D 151/10 (2006.01)**
[25] EN
[54] **ACRYLIC POLYMERS, CURABLE FILM-FORMING COMPOSITIONS PREPARED THEREFROM, AND METHOD OF MITIGATING DIRT BUILD-UP ON A SUBSTRATE**
[54] **POLYMERES ACRYLIQUES, COMPOSITIONS FILMOGENES DURCISSABLES PREPAREES A PARTIR DE CEUX-CI, ET PROCEDE D'ATTENUATION DE L'ACCUMULATION DE SALISSURES SUR UN SUBSTRAT**
[72] SWARUP, SHANTI, US
[72] XU, XIANGLING, US
[72] VANIER, NOEL R., US
[72] ENDLISH, MARK E., US
[72] SIMPSON, DENNIS A., US
[71] PPG INDUSTRIES OHIO, INC., US
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[86] 2015-06-12 (PCT/US2015/035524)
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[25] EN
[54] **INTERACTIVE GAME FLOOR SYSTEM AND METHOD**
[54] **SYSTEME DE SOL DE JEU INTERACTIF ET PROCEDE ASSOCIE**
[72] BOYLE, PATRICK DEVIN, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2016-12-08
[86] 2015-06-15 (PCT/US2015/035839)
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[30] US (14/305,793) 2014-06-16

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[51] **Int.Cl. C09K 11/61 (2006.01) H01L 33/50 (2010.01)**
[25] EN
[54] **COLOR STABLE RED-EMITTING PHOSPHORS**
[54] **PHOSPHORES EMETTANT DANS LE ROUGE DE COULEUR STABLE**
[72] GARCIA, FLORENCIO, US
[72] SETLUR, ANANT ACHYUT, US
[72] MURPHY, JAMES EDWARD, US
[72] SISTA, SRINIVAS PRASAD, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. B29B 9/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING HMA HAVING A TACK-FREE COATING**
[54] **PROCEDE DE PREPARATION D'UN ADHESIF THERMOFUSIBLE A REVETEMENT NON COLLANT**
[72] OZTURK, FILIZ, TR
[72] BENBANASTE, VIKTOR, TR
[72] LORENZO, GUILLERMO PEREZ, TR
[72] ALTINOK, SIBEL, TR
[71] ORGANIK KIMYA SANAYI VE TIC. A.S., TR
[85] 2016-12-09
[86] 2015-06-12 (PCT/EP2015/001193)
[87] (WO2015/188947)
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[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING A SEWER PIPE ELEMENT**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION D'UN ELEMENT DE TUBE DE CANAL**
[72] MULLER, KLAUS, DE
[71] BFS BETONFERTIGTEILESYSTEME GMBH, DE
[85] 2016-12-09
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[25] EN
[54] **DYNAMIC TRACKING SYSTEM AND AUTOMATIC GUIDANCE METHOD BASED ON 3D TIME-OF-FLIGHT CAMERAS**
[54] **SYSTEME DE SUIVI DYNAMIQUE ET PROCEDE DE GUIDAGE AUTOMATIQUE SUR LA BASE DE CAMERAS A TEMPS DE VOL 3D**
[72] KOVERMANN, JAN, FR
[72] RUFFO, MASSIMILIANO, CH
[71] TERABEE S.A.S., FR
[85] 2016-12-09
[86] 2015-06-12 (PCT/EP2015/063238)
[87] (WO2015/189418)
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[25] EN
[54] **NOVEL TENACIBACULUM SP ISOLATE**
[54] **NOUVEL ISOLAT DE TENACIBACULUM SP**
[72] BREVIK, OYVIND, NO
[72] OTTEM, KARL FREDRIK, NO
[71] CERMAQ GROUP AS, NO
[85] 2016-12-09
[86] 2015-06-11 (PCT/EP2015/063050)
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[25] EN
[54] **WELL-TOLERATED AND HIGHLY SPECIFIC TAILORED RECOMBINASE FOR RECOMBINING ASYMMETRIC TARGET SITES IN A PLURALITY OF RETROVIRUS STRAINS**
[54] **RECOMBINASE BIEN TOLEREE ET HAUTEMENT SPECIFIQUE CONCUE SUR MESURE POUR RECOMBINER DES SITES CIBLES ASYMETRIQUES DANS UNE PLURALITE DE SOUCHES DE RETROVIRUS**
[72] HAUBER, JOACHIM, DE
[72] CHEMNITZ, JAN, DE
[72] BUCHHOLZ, FRANK, DE
[72] KARPINSKI, JANET, DE
[71] HEINRICH-PETTE-INSTITUT LEIBNIZ-INSTITUT FUR EXPERIMENTELLE VIROLOGIE - STIFTUNG BURGERLICHEN RECHTS, DE
[71] TECHNISCHE UNIVERSITAT DRESDEN, DE
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[54] **BATTERIE RECHARGEABLE CONTENANT DES IONS DE ZINC**
[72] TORRE, PASQUALE, IT
[71] TTSB S.R.L., IT
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[54] **A TIP SYSTEM FOR A WIND TURBINE BLADE**
[54] **SYSTEME D'EXTREMITE DE PALE D'UNE TURBINE EOLIENNE**
[72] DOBBE, ANTONIUS CORNELIS, NL
[72] SCHURING, ROELOF WILLEM, NL
[72] BAKKUM, MAURITS CHRSTIAAN, NL
[72] BENSSOUSSAN, REGIS JAQUES, NL
[72] ALKEMADE, HARRY, NL
[71] LM WP PATENT HOLDING A/S, DK
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[25] EN
[54] **SYNTHETIC INDUSTRIAL LUBRICANTS WITH IMPROVED COMPATIBILITY**
[54] **LUBRIFIANTS SYNTHETIQUES INDUSTRIELS PRESENTANT UNE COMPATIBILITE AMELIOREE**
[72] HOBSON, DAVID M., GB
[72] KOHUT, MICHAEL R., GB
[72] GOTHERIDGE, STEPHEN J., GB
[71] THE LUBRIZOL CORPORATION, US
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[25] EN
[54] **TREATMENT OF VIRUS-BASED DISEASES OF THE SKIN**
[54] **TRAITEMENT DE MALADIES VIRALES DE LA PEAU**
[72] ANGLE, ERIKA N., US
[71] IXCELA, INC., US
[85] 2016-12-09
[86] 2015-06-11 (PCT/US2015/035384)
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[25] EN
[54] **ADJUSTABLE PULLEY ASSEMBLY FOR A COMPOUND ARCHERY BOW**
[54] **DISPOSITIF DE POULIE AJUSTABLE DESTINE A UN ARC COMPOSE**
[72] OBTESHKA, NICHOLAS C., US
[71] BOWTECH, INC., US
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[86] 2016-07-11 (PCT/US2016/041822)
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[54] **MOWER WITH FRONT CASTER WHEEL SUSPENSION**
[54] **TONDEUSE DOTEE D'UNE SUSPENSION DE ROULETTE AVANT**
[72] WOODRUM, ADAM, US
[71] MTD PRODUCTS INC, US
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[25] EN
[54] **AUTOMATIC DISPENSING DEVICE FOR WALLBOARD JOINT TAPING**
[54] **DISPOSITIF DE DISTRIBUTION AUTOMATIQUE POUR RUBAN A JOINT DE PANNEAU MURAL**
[72] NEGRI, ROBERT H., US
[72] ST. JAMES, BERNIE, CA
[72] ST. JAMES, ELLIOT, CA
[72] ST. JAMES, AARON, CA
[71] UNITED STATES GYPSUM COMPANY, US
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[25] EN
[54] **METHOD OF OPTIMIZING A MIXTURE OF COMPONENTS BY MEANS OF SPECTRAL ANALYSIS**
[54] **PROCEDE D'OPTIMISATION D'UN MELANGE DE CONSTITUANTS PAR ANALYSE SPECTRALE**
[72] LAMBERT, DIDIER, FR
[72] SAINT MARTIN, CLAUDE, FR
[72] SANCHEZ, MIGUEL, FR
[72] RIBERO, BERNARD, FR
[71] TOPNIR SYSTEMS SAS, FR
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[25] EN
[54] **FIRE-PROOFING COMPOSITION AND USE THEREOF**
[54] **COMPOSITION ANTI-INCENDIE ET SON UTILISATION**
[72] BRINKHORST, JOHANNES, DE
[72] LANG, MARTIN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[25] EN
[54] **ANTI-SIPHONING DEVICE, PARTICULARLY FOR PREVENTING THE EXTRACTION OF FUEL FROM TANKS**
[54] **DISPOSITIF ANTI-SIPHONAGE, EN PARTICULIER POUR EMPECHER L'EXTRACTION DE CARBURANT A PARTIR DE RESERVOIRS**
[72] LAGO, FABIO, IT
[72] LAGO, GIOVANNI, IT
[71] LAGO ACCESSORI S.R.L., IT
[85] 2016-12-12
[86] 2015-07-01 (PCT/EP2015/065039)
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[25] FR
[54] **NEW ULTRA HIGH-PERFORMANCE CONCRETE**
[54] **NOUVEAU BETON A ULTRA HAUTE PERFORMANCE**
[72] PEREZ, FABIEN, FR
[72] FERREIRA, LAURENT, FR
[72] VERNE, JULIEN, FR
[72] HALIN, OLIVIER, FR
[71] LAFARGE, FR
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[25] EN
[54] **CAST FILMS WITH IMPROVED TOUGHNESS**
[54] **FILMS COULES PRESENTANT UNE MEILLEURE TENACITE**
[72] WANG, JIAN, US
[72] JAIN, PRADEEP, US
[72] DEMIRORS, MEHMET, US
[72] PATEL, RAJEN M., US
[72] GUERRA, SUZANNE M., US
[72] LEANO, MAURICIO E., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **UTILISATION DE SERELAXINE POUR REDUIRE LE GDF-15**
[72] PRESCOTT, MARGARET FORNEY, US
[72] ZHANG, YIMING, US
[72] DAHLKE, MARION, CH
[72] SEVERIN, THOMAS, CH
[71] NOVARTIS AG, CH
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[25] EN
[54] **METHODS OF MANUFACTURING SILICON BLADES FOR SHAVING RAZORS**
[54] **PROCEDES DE FABRICATION DE LAMES DE SILICIUM POUR RASOIRS**
[72] SIMMS, GRAHAM JOHN, GB
[72] LEUSSINK, PETER JOHANNUS, NL
[72] SONNENBERG, NEVILLE, US
[71] THE GILLETTE COMPANY LLC, US
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[25] EN
[54] **MOTORCYCLE ENGINE LUBRICANT**
[54] **LUBRIFIANT POUR MOTEURS DE MOTOCYCLES**
[72] MARCELLA, MICHAEL J., US
[72] MICHLBERGER, ALEXANDER, US
[71] THE LUBRIZOL CORPORATION, US
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[51] **Int.Cl. B21C 23/12 (2006.01) B21D 11/06 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR PRODUCING OPEN OR CLOSED ANNULAR STRUCTURAL COMPONENTS MADE OF LIGHT METAL AND ALLOYS THEREOF**
[54] **PROCEDE ET DISPOSITIF POUR LA FABRICATION DE PIECES DE CONSTRUCTION ANNULAIRES OUVERTES OU FERMEES EN METAL LEGER ET LEURS ALLIAGES, PRESENTANT UNE STRUCTURE BIDIMENSIONNELLE OU TRIDIMENSIONNELLE**
[72] LINDNER, KARL-HEINZ, DE
[72] JAGER, ANDREAS, DE
[71] BRUHNKE, ULRICH, DE
[85] 2016-12-13
[86] 2015-05-19 (PCT/DE2015/000250)
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[25] EN
[54] **DETERGENT FOR GENTLE REMOVAL OF INKS AND MARKERS**
[54] **AGENT DE NETTOYAGE POUR UNE ELIMINATION DOUCE D'ENCRES ET DE MARQUEURS**
[72] BONS, PETER, DE
[72] REIN, RUDIGER, DE
[72] WORNER, JORG, DE
[72] CORNELI, MIRIAM, DE
[71] CHEMETALL GMBH, DE
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[51] **Int.Cl. E21B 19/16 (2006.01) E21B 3/02 (2006.01)**
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[54] **TUBULAR DRIVE SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT DE TUBE**
[72] MAHONEY, NATHAN JAMES, CA
[72] BOWLEY, RYAN THOMAS, CA
[71] TESCO CORPORATION, US
[85] 2016-12-12
[86] 2015-06-12 (PCT/US2015/035486)
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[54] **BETONS A ULTRA HAUTE PERFORMANCE A FAIBLE TENEUR EN CIMENT**
[72] TOUSSAINT, FABRICE, FR
[72] MOLINES, GERARD, FR
[72] BARBARULO, REMI, FR
[71] LAFARGE, FR
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[54] **INHIBITEURS DE POMPE D'EFFLUX A PETITES MOLECULES**
[72] DUNMAN, PAUL M., US
[72] BLANCHARD, CATLYN E., US
[71] UNIVERSITY OF ROCHESTER, US
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[54] **MATERIAU COMPOSITE HYGROSCOPIQUE**
[72] COURBON, EMILIE, BE
[72] FRERE, MARC, BE
[72] HEYMANS, NICOLAS, BE
[72] D'ANS, PIERRE, BE
[71] UNIVERSITE DE MONS, BE
[71] UNIVERSITE LIBRE DE BRUXELLES, BE
[85] 2016-12-13
[86] 2015-06-25 (PCT/EP2015/064449)
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[54] **ANTIBODIES TO IL-15**
[54] **ANTICORPS ANTI-IL-15**
[72] VICARI, ALAIN, FR
[72] LEGER, OLIVIER, FR
[71] CALYPSO BIOTECH SA, CH
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[86] 2015-07-01 (PCT/EP2015/064931)
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[30] EP (14175361.6) 2014-07-02

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[51] **Int.Cl. G09B 23/28 (2006.01) A61C 17/00 (2006.01) A61Q 11/00 (2006.01)**
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[54] **METHOD FOR DEMONSTRATING STAIN REMOVAL**
[54] **METHODE EFFICACE D'ELIMINATION DE TACHES**
[72] UTGIKAR, NEELIMA, IN
[72] BHANSALI, MAYA, IN
[72] SHAH, EKTA, IN
[72] POTNIS, SHASHANK VISHWANATH S., IN
[72] SULLIVAN, RICHARD J., US
[71] COLGATE-PALMOLIVE COMPANY, US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR WELL CEMENTING**
[54] **COMPOSITIONS ET PROCEDES DE CIMENTATION DE PUITS**
[72] ALLOUCHE, MICKAEL, FR
[72] CATHELINE, SEBASTIEN, FR
[72] CHOUGNET-SIRAPIAN, ALICE, FR
[72] DROGER, NICOLAS, FR
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-12-13
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[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING A FIELD DEVICE**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'UN DISPOSITIF DE CHAMP**
[72] ANDERSON, SHAWN W., US
[72] MANN, ADIN J., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2016-12-13
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[25] EN
[54] **RAPID CURING EPOXY ADHESIVE COMPOSITIONS**
[54] **COMPOSITIONS ADHESIVES EPOXY A DURCISSEMENT RAPIDE**
[72] ELGIMIABI, SOHAIB, DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-12-13
[86] 2015-06-17 (PCT/US2015/036189)
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[25] EN
[54] **COLOR STABLE RED-EMITTING PHOSPHORS**
[54] **PHOSPHORES EMETTANT DANS LE ROUGE DE COULEUR STABLE**
[72] SETLUR, ANANT ACHYUT, US
[72] MURPHY, JAMES EDWARD, US
[72] GARCIA, FLORENCIO, US
[72] CHOWDHURY, ASHFAQUL ISLAM, US
[72] SISTA, SRINIVAS PRASAD, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. F41B 5/10 (2006.01) F41B 5/14 (2006.01)**
[25] EN
[54] **CABLE ARRANGEMENT FOR A COMPOUND ARCHERY BOW**
[54] **DISPOSITION DE CABLE DESTINEE A UN ARC COMPOSE**
[72] OBTESHKA, NICHOLAS C., US
[72] HERNANDEZ, JOHN T., US
[72] EACKER, CHRISTOPHER J., US
[72] SMITH, JACK B., US
[71] BOWTECH, INC., US
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[72] STEINER, RONALD, AT
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[25] EN
[54] **DEVICE FOR LOADING AND UNLOADING BOXES ON TO AND FROM A VAN**
[54] **DISPOSITIF DE CHARGEMENT ET DE DECHARGEMENT DE CAISSES D'UN FOURGON**
[72] BOSCHER, DAVID, FR
[71] GRUAU LAVAL, FR
[85] 2016-12-14
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[25] EN
[54] **CONTROLLING LOCAL FLUID AGE IN A STIRRED REACTOR**
[54] **CONTROLE DE L'AGE DE FLUIDE LOCAL DANS UN REACTEUR AGITE**
[72] HAWRYLUK, ANDREW, CA
[71] NOVA CHEMICALS CORPORATION, CA
[85] 2016-12-13
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[87] (WO2015/198176)
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[25] FR
[54] **ASSEMBLY FOR TURBOMACHINE COMBUSTION CHAMBER COMPRISING A BOSS AND AN ANNULAR ELEMENT**
[54] **ENSEMBLE POUR CHAMBRE DE COMBUSTION DE TURBOMACHINE COMPRENANT UN BOSSAGE ET UN ELEMENT ANNULAIRE**
[72] NAUDOT, LUDOVIC ANDRE JOEL, FR
[72] OLHARAN, PHILIPPE, FR
[72] MENET-HAURE, JEAN, FR
[71] SAFRAN HELICOPTER ENGINES, FR
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[54] **PROCEDE POUR FOURNIR UN SERVICE D'INFORMATIONS BASE SUR UN EMPLACEMENT MOBILE**
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[54] **FLUAGE DE SUPPORT D'ANODE**
[72] HEIREDAL-CLAUSEN, THOMAS, DK
[72] LUND FRANDSEN, HENRIK, DK
[72] PETERSEN, THOMAS KARL, DK
[72] MADSEN, MADS FIND, DK
[71] HALDOR TOPSOE A/S, DK
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[54] **GAS DIFFUSION LAYER, ELECTROCHEMICAL CELL HAVING SUCH A GAS DIFFUSION LAYER, AND ELECTROLYZER**
[54] **COUCHE DE DIFFUSION DE GAZ, CELLULE ELECTROCHIMIQUE COMPORTANT UNE TELLE COUCHE DE DIFFUSION DE GAZ ET ELECTROLYSEUR**
[72] HAHN, ALEXANDER, DE
[72] SPIES, ALEXANDER, DE
[72] STRAUB, JOCHEN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **SYSTEMS AND METHODS FOR THE CONTROL OF WELDING PARAMETERS**
[54] **SYSTEMES ET PROCEDES POUR LA COMMANDE DE PARAMETRES DE SOUDAGE**
[72] HUTCHISON, RICHARD MARTIN, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **CODED LIGHT PATTERN HAVING HERMITIAN SYMMETRY**
[54] **MOTIF LUMINEUX CODE PRESENTANT UNE SYMETRIE HERMITIENNE**
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[72] ATANASSOV, KALIN MITKOV, US
[72] VERRALL, STEPHEN MICHAEL, US
[71] QUALCOMM INCORPORATED, US
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[54] **STABILIZED MOISTURE-CURABLE POLYMERIC COMPOSITIONS**
[54] **COMPOSITIONS POLYMERES STABILISEES DURCISSABLES A L'HUMIDITE**
[72] TALREJA, MANISH, US
[72] DOUGLAS, JESSICA D., US
[72] COGEN, JEFFREY M., US
[72] PERSON, TIMOTHY J., US
[72] CARONIA, PAUL J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **STABILIZED MOISTURE-CURABLE POLYMERIC COMPOSITIONS**
[54] **COMPOSITIONS POLYMERES STABILISEES DURCISSABLES A L'HUMIDITE**
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[72] TALREJA, MANISH, US
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[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **COMPOSITE POLYMER MATERIALS FOR MODIFICATION OF ADHESIVE COMPOSITIONS AND ASSOCIATED METHODS OF MANUFACTURE**
[54] **MATERIAUX POLYMERES COMPOSITES POUR LA MODIFICATION DE COMPOSITIONS ADHESIVES ET PROCEDES DE FABRICATION ASSOCIES**
[72] CREWS, EVERETT, US
[72] SCHILLING, PETER, US
[72] SCHILLING, STEFAN, US
[72] GANDHI, TEJASH, US
[72] WURST, JAMES E., US
[72] CHATTERJEE, ROGER, US
[71] INGEVITY SOUTH CAROLINA, LLC, US
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[25] EN
[54] **WATER LOSS REDUCING PASTING MATS FOR LEAD-ACID BATTERIES**
[54] **NAPPES DE COLLAGE POUR REDUIRE LA PERTE D'EAU DANS DES BATTERIES PLOMB-ACIDE**
[72] HUUSKEN, ROBERT, NL
[71] OCV INTELLECTUAL CAPITAL, LLC, US
[85] 2016-12-14
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[54] **ANTI-SULPHATION PASTING MATS FOR LEAD-ACID BATTERIES**
[54] **MATS DE COLLAGE ANTI-SULFATATION POUR BATTERIES PLOMB-ACIDE**
[72] HUUSKEN, ROBERT, NL
[71] OCV INTELLECTUAL CAPITAL, LLC, US
[85] 2016-12-14
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[54] **SYSTEMS AND METHODS FOR AUTOMATIC FORMATTING OF IMAGES FOR MEDIA ASSETS BASED ON USER PROFILE**
[54] **SYSTEMES ET METHODES DE FORMATAGE AUTOMATIQUE D'IMAGES D'ACTIFS MEDIAS FONDES SUR LE PROFIL UTILISATEUR**
[72] BLOHOWIAK, AARON PETER, US
[72] KLAPPERT, WALTER R., US
[72] NICHOLS, MICHAEL R., US
[72] CHALOUHI, OLIVIER, US
[71] ROVI GUIDES, INC., US
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[54] **SYSTEM AND METHOD FOR MANAGING WELDING DATA**
[54] **SYSTEME ET PROCEDE DE GESTION DE DONNEES DE SOUDAGE**
[72] BECKER, WILLIAM JOSHUA, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-12-14
[86] 2015-06-24 (PCT/US2015/037410)
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[54] **METHOD FOR MANAGING A TRANSACTION, CORRESPONDING SERVER, COMPUTER PROGRAM PRODUCT AND STORAGE MEDIUM**
[54] **PROCEDE DE GESTION D'UNE TRANSACTION, SERVEUR, PRODUIT PROGRAMME D'ORDINATEUR ET MEDIUM DE STOCKAGE CORRESPONDANTS**
[72] ROTSAERT, CHRISTOPHER, FR
[71] ROAM DATA INC, US
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[54] **ENVELOPPEUR SERDES ROBUSTE**
[72] BUEHLER, ERIK, US
[71] SEAKR ENGINEERING, INC., US
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[54] **INTEGRATED MICRO-ELECTROMECHANICAL SWITCHES AND A RELATED METHOD THEREOF**
[54] **MICRO-COMMUTATEURS ELECTROMECANIQUES INTEGRES ET PROCEDE ASSOCIE**
[72] AIMI, MARCO FRANCESCO, US
[72] SPENCE, DAN KENRICK, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-12-15
[86] 2015-06-23 (PCT/US2015/037155)
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[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING A THREE DIMENSIONAL IMAGE**
[54] **PROCEDE ET APPAREIL POUR GENERER UNE IMAGE TRIDIMENSIONNELLE**
[72] VANDEWALLE, PATRICK LUC ELS, NL
[72] KROON, BART, NL
[72] VAREKAMP, CHRISTIAAN, NL
[71] KONINKLIJKE PHILIPS N.V., NL
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[54] **A METHOD AND A DISPLAY DEVICE WITH PIXEL REPARTITION OPTIMIZATION**
[54] **PROCEDE ET DISPOSITIF D'AFFICHAGE AVEC OPTIMISATION DE REPARTITION DE PIXELS**
[72] THIEBAUD, SYLVAIN, FR
[72] BLONDE, LAURENT, FR
[72] TAPIE, THIERRY, FR
[72] DRAZIC, VALTER, FR
[71] THOMSON LICENSING, FR
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[54] **GAMING DEVICE COMPRISING A ROTATABLE GAME WHEEL**
[54] **DISPOSITIF DE JEU COMPRENANT UNE ROUE DE JEU ROTATIVE**
[72] FRIDRICH, HEINZ, AT
[71] NOVOMATIC AG, AT
[85] 2016-12-16
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[54] **APPARATUS AND METHOD FOR IMPROVING PSYCHOPHYSIOLOGICAL FUNCTION FOR PERFORMANCE UNDER STRESS**
[54] **APPAREIL ET METHODE D'AMELIORATION DE LA FONCTION PSYCHOPHYSIOLOGIQUE DE PERFORMANCE SOUS STRESS**
[72] KUSIK, DANIEL, US
[72] STANKOVIC, DEJAN, US
[72] BOURHIS, ANDREW M., US
[71] BIOFEEDBACK SYSTEMS DESIGN, LLC, US
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[54] **DYNAMIC N-DIMENSIONAL CUBES FOR HOSTED ANALYTICS**
[54] **CUBES N-DIMENSIONNELS DYNAMIQUES POUR UNE ANALYTIQUE HEBERGEE**
[72] KALKI, SANTOSH, US
[72] RAGHAVAN, SRINIVASAN SUNDAR, US
[72] RATH, TIMOHY ANDREW, US
[72] KARNIK, MUKUL VIJAY, US
[72] DEVGAN, AMOL, US
[72] SIVASUBRAMANIAN, SWAMINATHAN, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **EMBEDDABLE CLOUD ANALYTICS**
[54] **MODULE D'ANALYTIQUE DE NUAGE POUVANT ETRE INTEGRE**
[72] RAGHAVAN, SRINIVASAN SUNDAR, US
[72] SIVASUBRAMANIAN, SWAMINATHAN, US
[72] RATH, TIMOTHY ANDREW, US
[72] KARNIK, MUKUL VIJAY, US
[72] DEVGAN, AMOL, US
[72] KALKI, SANTOSH, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **ANTI-IL4-IL 13 BISPECIFIC ANTIBODIES**
[54] **ANTICORPS BISPECIFIQUES ANTI-IL4-IL13**
[72] ESPERET, CORRINE, FR
[72] JAGERSCHMIET, ALEXANDRE, FR
[72] SOUBRANE, CHRISTINA, FR
[72] SUBRAMANIAM, ARUN, US
[71] SANOFI, FR
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[30] US (62/018,253) 2014-06-27
[30] EP (14306477.2) 2014-09-24
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[54] **MICRO-MAGNETIC DETECTING METHOD AND MICRO-MAGNETIC DETECTING DEVICE**
[54] **METHODE DE DETECTION MICROMAGNETIQUE ET DISPOSITIF DE DETECTION MICROMAGNETIQUE**
[72] YU, RUNQIAO, CN
[72] ZHANG, BIN, CN
[72] HU, BO, CN
[72] XIA, GUISUO, CN
[72] CHENG, DONGFANG, CN
[72] CHENG, QIANGQIANG, CN
[71] NINGBO YINZHOU CITAI ELECTRONIC TECHNOLOGY CO., LTD, CN
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[86] 2016-06-24 (PCT/CN2016/087008)
[87] (2952925)
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[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING CONTENT CORRESPONDING TO A LANGUAGE SPOKEN IN A HOUSEHOLD**
[54] **SYSTEMES ET METHODES D'IDENTIFICATION DE CONTENU CORRESPONDANT A LA LANGUE PARLEE AU FOYER**
[72] SHUCHITA, MEHRA, US
[71] ROVI GUIDES, INC., US
[85] 2016-12-30
[86] 2016-07-19 (PCT/US2016/042923)
[87] (2952945)
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[25] EN
[54] **METHODS AND APPARATUS FOR GENERATING FOR DISPLAY PORTIONS OF MEDIA ASSETS**
[54] **METHODES ET APPAREIL SERVANT A GENERER DES PORTIONS D'AFFICHAGE D'ACTIFSMEDIA**
[72] SHAH, SANDIP, US
[71] ROVI GUIDES, INC., US
[85] 2016-12-23
[86] 2016-06-24 (PCT/US2016/039269)
[87] (2952948)
[30] US (14/754,617) 2015-06-29

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[25] EN
[54] **MULTI-DATABASE LOG WITH MULTI-ITEM TRANSACTION SUPPORT**
[54] **JOURNAL DE MULTIPLES BASES DE DONNEES AVEC SUPPORT DE TRANSACTION A PLUSIEURS ELEMENTS**
[72] VERMEULEN, ALLAN HENRY, US
[72] GABRIELSON, JACOB ADAM, US
[72] DE KADT, CHRISTOPHER RICHARD JACQUES, US
[72] HO, CHI HAI, US
[72] DEARDEUFF, MICHAEL BENJAMIN, US
[71] AMAZON TECHNOLOGIES, INC., US
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[30] US (14/316,630) 2014-06-26
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[54] **TREATMENT OF DISEASES USING A COMBINATION OF ULTRAVIOLET BLOOD IRRADIATION AND ANTIBIOTICS**
[54] **TRAITEMENT DE MALADIES AU MOYEN D'UNE COMBINAISON DE RAYONNEMENT ULTRAVIOLET DU SANG ET D'ANTIBIOTIQUES**
[72] KUENSTNER, JOHN TODD, US
[71] KUENSTNER, JOHN TODD, US
[85] 2016-12-20
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[54] **SEAL DELIVERY TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI DE LIVRAISON AVEC UN SCEAU**
[72] HILSLEY, ETHAN, US
[72] HILSLEY, BARRINGTON, US
[71] HILSLEY, ETHAN, US
[71] HILSLEY, BARRINGTON, US
[85] 2016-12-20
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[54] **METHOD AND APPARATUS FOR PROVIDING VEHICLE SECURITY**
[54] **PROCEDE ET APPAREIL D'ETABLISSEMENT DE SECURITE DE VEHICULE**
[72] SOROKO, JASON AURELE, US
[71] ENTRUST, INC., US
[85] 2016-12-20
[86] 2015-07-09 (PCT/US2015/039690)
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[30] US (62/023,388) 2014-07-11
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[25] EN
[54] **SYSTEMS AND METHODS FOR OPTIMIZED SIGNATURE COMPARISONS AND DATA REPLICATION**
[54] **SYSTEMES ET PROCEDES DE COMPARAISONS DE SIGNATURES OPTIMISEES ET DE REPLICATION DE DONNEES**
[72] KLARAKIS, GEORGE A., US
[72] XIAO, YAN, US
[72] OLSON, THOMAS G., US
[71] SIMPLIVITY CORPORATION, US
[85] 2016-12-01
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[51] **Int.Cl. H04W 24/10 (2009.01) H04W 72/08 (2009.01)**
[25] EN
[54] **MANAGEMENT OF WIRELESS DEVICES IN LIMITED RADIO COVERAGE**
[54] **GESTION DE DISPOSITIFS SANS FIL DANS UNE COUVERTURE RADIO LIMITEE**
[72] SCHLIWA-BERTLING, PAUL, SE
[72] SUNDBERG, MARTEN, SE
[72] DIACHINA, JOHN WALTER, US
[72] JOHANSSON, NICKLAS, SE
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[54] **SYSTEM AND METHOD FOR FULLY CONFIGURABLE REAL TIME PROCESSING**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT EN TEMPS REEL ENTIEREMENT CONFIGURABLE**
[72] STANDLEY, DOUGLAS A., US
[72] DODGE, MATTHEW R., US
[72] BYE, RANDALL E., US
[71] SOCIETAL INNOVATIONS IPCO LIMITED, GB
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[54] **SYSTEME DE SIGNALISATION DE REGULATION DU TRAFIC ROUTIER**
[72] AMADON, ALEXIS, FR
[71] AMADON, ALEXIS, FR
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[54] **ELEMENT PORTEUR PNEUMATIQUE**
[72] PEDRETTI, MAURO, CH
[71] PIBRIDGE LTD, CH
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[54] **DETERMINATION D'AU MOINS UNE CARACTERISTIQUE D'UN VEHICULE**
[72] JUNG, ANDREAS, DE
[72] BARTIROMO, MARCO, DE
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[54] **CALCULATOR AND METHOD FOR DETERMINING PHASE CORRECTION DATA FOR AN AUDIO SIGNAL**
[54] **CALCULATEUR ET PROCEDE DE DETERMINATION DE DONNEES DE CORRECTION DE PHASE POUR UN SIGNAL AUDIO**
[72] DISCH, SASCHA, DE
[72] LAITINEN, MIKKO-VILLE, FI
[72] PULKKI, VILLE, FI
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[25] EN
[54] **AUDIO PROCESSOR AND METHOD FOR PROCESSING AN AUDIO SIGNAL USING HORIZONTAL PHASE CORRECTION**
[54] **PROCESSEUR AUDIO ET PROCEDE DE TRAITEMENT D'UN SIGNAL AUDIO AU MOYEN D'UNE CORRECTION DE PHASE HORIZONTALE**
[72] DISCH, SASCHA, DE
[72] LAITINEN, MIKKO-VILLE, FI
[72] PULKKI, VILLE, FI
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **SERVER SIDE ADAPTIVE BIT RATE CONTROL FOR HTTP STREAMING CLIENTS**
[54] **COMMANDE ADAPTATIVE DE DEBIT BINAIRE COTE SERVEUR POUR CLIENTS DE LECTURE EN FLUX CONTINU HTTP**
[72] SCHMIDT, MARK S., US
[72] MOORTHY, PRAVEEN N., US
[72] LUTHRA, AJAY, US
[72] MORONEY, PAUL, US
[71] ARRIS ENTERPRISES LLC, US
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[51] **Int.Cl. G10L 19/02 (2013.01) G10L 21/038 (2013.01)**
[25] EN
[54] **AUDIO PROCESSOR AND METHOD FOR PROCESSING AN AUDIO SIGNAL USING VERTICAL PHASE CORRECTION**
[54] **PROCESSEUR AUDIO ET PROCEDE DE TRAITEMENT DE SIGNAL AUDIO A L'AIDE DE CORRECTION DE PHASE VERTICALE**
[72] DISCH, SASCHA, DE
[72] LAITINEN, MIKKO-VILLE, FI
[72] PULKKI, VILLE, FI
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DD
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[25] EN
[54] **DECODER AND METHOD FOR DECODING AN AUDIO SIGNAL, ENCODER AND METHOD FOR ENCODING AN AUDIO SIGNAL**
[54] **DECODEUR ET PROCEDE DE DECODAGE DE SIGNAL AUDIO, CODEUR ET PROCEDE DE CODAGE DE SIGNAL AUDIO**
[72] DISCH, SASCHA, DE
[72] LAITINEN, MIKKO-VILLE, FI
[72] PULKKI, VILLE, FI
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[25] EN
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[54] **SYSTEME DE TRANSACTION DE VENTE AU DETAIL**
[72] RIMER, DAVID, GB
[71] NUMBER 8 TECHNOLOGY LIMITED, GB
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[51] **Int.Cl. G06F 3/0487 (2013.01) G06F 3/01 (2006.01)**
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[54] **APPLICATION SWAP BASED ON SMART DEVICE POSITION**
[54] **PERMUTATION D'APPLICATIONS EN FONCTION DE LA POSITION D'UN DISPOSITIF INTELLIGENT**
[72] BURCKARD, ANTOINE, FR
[71] NAGRAVISION S.A., CH
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[51] **Int.Cl. H04W 8/06 (2009.01)**
[25] EN
[54] **USER EQUIPMENT CONTROL IN A MULTI-CORE LONG TERM EVOLUTION SYSTEM**
[54] **COMMANDE D'EQUIPEMENT D'UTILISATEUR DANS UN SYSTEME D'EVOLUTION A LONG TERME MULTIC□UR**
[72] GAUBA, MANEESH, US
[72] BALES, STEPHEN R., US
[72] PATTON, DWIGHT EDWARD, US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US
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[51] **Int.Cl. H04W 24/10 (2009.01) H04W 24/08 (2009.01) H04B 17/309 (2015.01) H04B 17/345 (2015.01)**
[25] EN
[54] **CHANNEL STATE INFORMATION (CSI) ESTIMATION AND APPLICATIONS FOR IN-BAND ON-CHANNEL RADIO RECEIVERS**
[54] **ESTIMATION D'INFORMATIONS D'ETAT DE CANAL (CSI) ET APPLICATIONS POUR RECEPTEURS RADIO INTRABANDE SUR UN CANAL**
[72] KROEGER, BRIAN W., US
[72] PEYLA, PAUL J., US
[71] IBIQUITY DIGITAL CORPORATION, US
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[54] **OPTICAL MULTIPLEXOR SWITCH FOR FREE SPACE OPTICAL COMMUNICATION**
[54] **COMMUTATEUR MULTIPLEXEUR OPTIQUE POUR UNE COMMUNICATION OPTIQUE EN ESPACE LIBRE**
[72] SILNY, JOHN F., US
[72] COLEMAN, GARY D., US
[71] RAYTHEON COMPANY, US
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[51] **Int.Cl. G09G 5/00 (2006.01) H04W 4/00 (2009.01) H04N 21/436 (2011.01) H04N 21/44 (2011.01) G06F 3/0488 (2013.01)**
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[54] **EFFICIENT FRAME RENDERING**
[54] **RENDU DE TRAME EFFICACE**
[72] PARK, KEUN YOUNG, US
[71] GOOGLE INC., US
[85] 2016-12-22
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[54] **APPLICATION LAYER GROUP SERVICES FOR MACHINE TYPE COMMUNICATIONS**
[54] **SERVICES DE GROUPE DE COUCHES D'APPLICATIONS POUR COMMUNICATIONS DE TYPE MACHINE**
[72] WATFA, MAHMOUD, CA
[72] WANG, GUANZHOU, CA
[72] OLVERA-HERNANDEZ, ULISES, CA
[72] AGHILI, BEHROUZ, US
[72] ADJAKPLE, PASCAL M., US
[72] KARAMPATSIS, DIMITRIOS, GB
[72] AHMAD, SAAD, CA
[72] HELMY, AMIR, CA
[71] INTERDIGITAL PATENT HOLDINGS, INC., US
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[51] **Int.Cl. A61N 1/372 (2006.01)**
[25] EN
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[54] **SYSTEME DE NEUROSTIMULATION A MODELISATION ET FORMES D'ONDE FLEXIBLES**
[72] MOFFITT, MICHAEL A., US
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
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[51] **Int.Cl. G06F 19/00 (2011.01) A61B 5/145 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DATA ANALYTICS AND VISUALIZATION**
[54] **SYSTEME ET METHODE D'ANALYSE ET DE VISUALISATION DE DONNEES**
[72] ZAMANAKOS, GEORGIOS, US
[72] WIEDEBACK, DANIEL JUSTIN, US
[72] STEWART, JEFFREY GRANT, US
[72] REIHMAN, ELI, US
[72] PRICE, DAVID, US
[72] MILLER, LAUREN C., US
[72] LEONE, KERI, US
[72] KRAEMER, DAN, US
[72] KIRBY, KATHERINE ENG, US
[72] KIDA, GREG, US
[72] KAMATH, APURV ULLAS, US
[72] GREENE, ADAM R., US
[72] GIMENEZ, REBECCA, US
[72] ELLI, SARAH PAIGE, US
[72] DRAEGER, RIAN, US
[72] DELMORE, SHANE PHILIP, US
[72] BOWMAN, LEIF N., US
[71] DEXCOM, INC., US
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[51] **Int.Cl. A61N 1/05 (2006.01) A61N 1/36 (2006.01)**
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[54] **AN IMPLANTABLE STIMULATION DEVICE**
[54] **DISPOSITIF DE STIMULATION IMPLANTABLE**
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[72] VIRTANEN, JANI, FI
[72] NIKANDER, MIKA, FI
[71] SOOMA LTD, FI
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[51] **Int.Cl. H04W 40/04 (2009.01) H04W 40/02 (2009.01)**
[25] EN
[54] **ULTRA-RELIABLE COMMUNICATIONS USING NEIGHBORING DEVICE-TO-DEVICE ASSISTANCE**
[54] **COMMUNICATIONS ULTRA-FIABLES UTILISANT UNE ASSISTANCE DISPOSITIF A DISPOSITIF VOISIN**
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] LI, JUNYI, US
[72] JI, TINGFANG, US
[72] BHUSHAN, NAGA, US
[72] SMEE, JOHN EDWARD, US
[71] QUALCOMM INCORPORATED, US
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[51] **Int.Cl. H04L 1/18 (2006.01) H04L 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF REDUNDANCY BASED PACKET TRANSMISSION ERROR RECOVERY**
[54] **SYSTEME ET PROCEDE DE RETOUR AU FONCTIONNEMENT NORMAL POUR UNE TRANSMISSION DE PAQUET BASEE SUR LA REDONDANCE**
[72] KRISHNAN, VENKATESH, US
[72] RAJENDRAN, VIVEK, US
[72] SARKAR, SANDIP, US
[72] SUBASINGHA, SUBASINGHA SHAMINDA, US
[72] ATTI, VENKATRAMAN S., US
[71] QUALCOMM INCORPORATED, US
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[51] **Int.Cl. H04L 1/18 (2006.01) H04L 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF REDUNDANCY BASED PACKET TRANSMISSION ERROR RECOVERY**
[54] **SYSTEME ET PROCEDE DE RETOUR AU FONCTIONNEMENT NORMAL POUR UNE TRANSMISSION DE PAQUET BASEE SUR LA REDONDANCE**
[72] KRISHNAN, VENKATESH, US
[72] RAJENDRAN, VIVEK, US
[72] SARKAR, SANDIP, US
[72] SUBASINGHA, SUBASINGHA SHAMINDA, US
[72] ATTI, VENKATRAMAN S., US
[71] QUALCOMM INCORPORATED, US
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[30] US (62/031,675) 2014-07-31
[30] US (14/809,085) 2015-07-24

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[51] **Int.Cl. H04L 12/825 (2013.01) H04L 12/841 (2013.01) H04L 12/853 (2013.01) H04L 12/26 (2006.01)**
[25] EN
[54] **REDUCING DELAY IN VIDEO TELEPHONY**
[54] **REDUCTION DU RETARD EN TELEPHONIE VIDEO**
[72] VAN DER AUWERA, GEERT, US
[72] COBAN, MUHAMMED ZEYD, US
[72] KARCZEWICZ, MARTA, US
[72] LEUNG, NIKOLAI KONRAD, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMISSION AND RECEPTION OF MEDIA DATA**
[54] **PROCEDE ET APPAREIL D'EMISSION ET DE RECEPTION DE DONNEES MULTIMEDIA**
[72] CHAMPEL, MARY-LUC, FR
[72] DECENEUX, ALEXANDRE, FR
[72] GUEDE, CELINE, FR
[72] RICARD, JULIEN, FR
[72] LLACH PINSACH, JOAN, FR
[72] AUMONT, FRANCK, FR
[71] THOMSON LICENSING, FR
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[54] **FINANCIAL NETWORK**
[54] **RESEAU FINANCIER**
[72] LOVELESS, JACOB, US
[71] CFPH, LLC, US
[85] 2016-12-28
[86] 2015-06-29 (PCT/US2015/038324)
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[30] US (62/019,366) 2014-06-30

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[25] EN
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[54] **ANTAGONISTES DU CANAL POTASSIQUE KV1.3**
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[72] STOCKHAUS, JORG, DE
[71] CONOGENETIX BIOSCIENCES GMBH, DE
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[25] FR
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[54] **APPAREIL DE COUPE ELECTROPORTATIF A FIL CHAUFFE**
[72] ANNEQUIN, DAVID, FR
[71] PROCARV, FR
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[54] **SYSTEMS AND METHODS FOR MESSAGE EDITING**
[54] **SYSTEMES ET PROCEDES D'EDITION DE MESSAGES**
[72] CHRISTMAS, COY, US
[72] MALPASS, LUKE, GB
[71] FASETTO, LLC, US
[85] 2017-01-09
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[51] **Int.Cl. C07K 9/00 (2006.01) A61K 38/14 (2006.01) A61P 31/04 (2006.01)**
[25] EN
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[54] **[.PSI.[C(=NH) NH] TPG4] VANCOMYCINE ET [.PSI.[CH2NH]TPG4] VANCOMYCINE A N-(HYDROPHOBE-SUBSTITUE)VANCOSAMINYLE**
[72] BOGER, DALE L., US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2017-01-09
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[51] **Int.Cl. C07C 67/54 (2006.01) C07C 69/68 (2006.01) C12P 7/56 (2006.01)**
[25] EN
[54] **NOVEL LACTIC ACID RECOVERY PROCESS**
[54] **NOUVEAU PROCEDE DE RECUPERATION D'ACIDE LACTIQUE**
[72] LEBOREIRO, JOSE, US
[71] ARCHER DANIELS MIDLAND COMPANY, US
[85] 2017-01-09
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[25] EN
[54] **DISTRIBUTED LEDGER PROTOCOL TO INCENTIVIZE TRANSACTIONAL AND NON-TRANSACTIONAL COMMERCE**
[54] **PROTOCOLE DE REGISTRE DISTRIBUE INCITANT AU COMMERCE TRANSACTIONNEL ET NON TRANSACTIONNEL**
[72] SIMON, GREGORY, US
[72] DENNIS, SEAN, NI
[72] BARKER, LEVI, US
[71] RIBBIT.ME! USA INC., US
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[54] **ELEVATING WALKER CHAIR**
[54] **DEAMBULATEUR AVEC ASSISE REGLABLE EN HAUTEUR**
[72] BROWN, GARRETT W., US
[72] FAWCETT, JOHN CHRISTOPHER, GB
[71] EXOKINETICS, INC., US
[85] 2017-01-09
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[54] **CONNECTEUR ELECTRIQUE**
[72] WILLIAMS, STEPHEN, AU
[71] CONNEC LIMITED, AU
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[25] EN
[54] **MOLECULES THAT SELECTIVELY ACTIVATE REGULATORY T CELLS FOR THE TREATMENT OF AUTOIMMUNE DISEASES**
[54] **MOLECULES QUI ACTIVENT SELECTIVEMENT LES CELLULES T REGULATRICES POUR LE TRAITEMENT DE MALADIES AUTO-IMMUNES**
[72] GREVE, JEFFREY, US
[71] DELINIA, INC., US
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[25] EN
[54] **APPARATUS FOR MEASURING AN IMPEDANCE OF FUEL CELL AND METHOD OF MEASURING AN IMPEDANCE OF FUEL CELL**
[54] **APPAREIL DE MESURE DE L'IMPEDANCE D'UNE PILE A COMBUSTIBLE ET METHODE DE MESURE D'UNE IMPEDANCE D'UNE PILE A COMBUSTIBLE**
[72] MATSUMOTO, MICHIHIKO, JP
[72] AKASHI, KOTARO, JP
[72] KANEKO, YOHEI, JP
[72] SATO, MASASHI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **MOLDING DEVICE AND MOLDING METHOD**
[54] **DISPOSITIF ET PROCEDE DE MOULAGE**
[72] ISHIZUKA, MASAYUKI, JP
[72] UENO, NORIEDA, JP
[72] SAIKA, MASAYUKI, JP
[72] KOMATSU, TAKASHI, JP
[71] SUMITOMO HEAVY INDUSTRIES, LTD., JP
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[54] **WASHING METHOD**
[54] **METHODE DE LAVAGE**
[72] HASHIMOTO, HIDEO, JP
[71] HAPPY CO., LTD., JP
[85] 2017-01-11
[86] 2015-10-29 (PCT/JP2015/080521)
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[54] **PYRIDINE DERIVATIVES AND ANTI-MYCOBACTERIAL USE THEREOF**
[54] **DERIVES DE PYRIDINE ET LEUR UTILISATION ANTI-MYCOBACTERIENNE**
[72] DING, ZHAOZHONG, CN
[72] CHEN, SHUHUI, CN
[72] HUANG, ZHIGANG, CN
[72] LUO, WEI, CN
[72] CAI, ZHE, CN
[72] WANG, YEPENG, CN
[72] TANG, DONGDONG, CN
[71] CISEN PHARMACEUTICAL CO., LTD., CN
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[54] **AGENT WITH ANTIVIRAL PROPERTIES FOR PREVENTING OR TREATING INDIVIDUALS EXPOSED TO A VIRUS OF THE BIRNAVIRIDAE FAMILY**
[54] **AGENT AVEC DES PROPRIETES ANTIVIRALES POUR LA PREVENTION OU LE TRAITEMENT D'INDIVIDUS EXPOSES A UN VIRUS DE LA FAMILLE DES BIRNAVIRUS**
[72] MARSHALL, SERGIO, CL
[72] GUZMAN, FANNY, CL
[72] CARDENAS, CONSTANZA, CL
[72] NILO, LUIS, CL
[71] FUNDACION FRAUNHOFER CHILE RESEARCH, CL
[71] PONTIFICIA UNIVERSIDAD CATOLICA DE VALPARAISO, CL
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[51] **Int.Cl. C07D 239/72 (2006.01)**
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[54] **QUINOXALINE COMPOUNDS, METHOD FOR PREPARING THE SAME AND USE THEREOF**
[54] **COMPOSES QUINOXALINE, ET METHODE POUR LES PREPARER ET LES UTILISER**
[72] LIN, NAN-HORNG, TW
[72] LIAO, CHU-BIN, TW
[72] PENG, SHAO-ZHENG, TW
[72] YEN, SHIH-CHIEH, TW
[72] KUO, MANN-YAN, TW
[71] DEVELOPMENT CENTER FOR BIOTECHNOLOGY, TW
[71] DCB-USA LLC, US
[85] 2017-01-11
[86] 2015-06-15 (PCT/US2015/035822)
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[54] **DOWNHOLE TOOL FOR GUIDING A CUTTING TOOL**
[54] **OUTIL DE FOND DE TROU CONCU POUR GUIDER UN OUTIL DE COUPE**
[72] WATSON, BROCK, US
[72] SCHULTZ, ROGER, US
[71] THRU TUBING SOLUTIONS, INC., US
[85] 2017-01-11
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[25] EN
[54] **FLEXIBLE TUBE CLEANING LANCE DRIVE APPARATUS**
[54] **APPAREIL D'ENTRAINEMENT D'UNE LANCE DE NETTOYAGE D'UN TUBE FLEXIBLE**
[72] BARNES, JEFFERY R., US
[71] STONEAGE, INC., US
[85] 2017-01-11
[86] 2015-07-02 (PCT/US2015/038982)
[87] (WO2016/014231)
[30] US (62/028,756) 2014-07-24
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[54] **MEDICAL AND VETERINARY APPLICATIONS OF LIGHT TO THERAPEUTIC COMPOUNDS**
[54] **APPLICATION MEDICALES ET VETERINAIRES DE LUMIERE A DES COMPOSES THERAPEUTIQUES**
[72] DABNEY, PAUL, US
[71] DABNEY, PAUL, US
[85] 2017-01-11
[86] 2015-07-07 (PCT/US2015/039292)
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[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 38/24 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ASSESSING INFERTILITY AND RELATED PATHOLOGIES**
[54] **PROCEDES ET SYSTEMES POUR EVALUER L'INFERTILITE ET DES PATHOLOGIES APPARENTEES**
[72] BEIM, PIRAYE YURTTAS, US
[72] PARFITT, DAVID EMLYN, US
[72] ELASHOFF, MICHAEL, US
[71] CELMATIX INC., US
[85] 2017-01-11
[86] 2015-07-17 (PCT/US2015/040947)
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[51] **Int.Cl. G01P 13/00 (2006.01) H04N 5/351 (2011.01) H01L 27/146 (2006.01) H01L 31/101 (2006.01)**
[25] FR
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[54] **DISPOSITIF DE DETECTION DE MOUVEMENT**
[72] BOUSQUET, MARC, FR
[71] SAFRAN ELECTRONICS & DEFENSE SAS, FR
[85] 2017-01-11
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[54] **TISSUE GRAFT**
[54] **GREFFE DE TISSU**
[72] REICHMANN, ERNST, CH
[72] MARINO, DANIELA, CH
[72] KLAR, AGNIESZKA SYLWIA, CH
[71] UNIVERSITAT ZURICH, CH
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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01)**
[25] EN
[54] **AMORPHOUS FORM OF 4-((4(CYCLOPENTYLOXY)-5-(2-METHYLBENZO[D]OXAZOL-6-YL)-7H-PYRROLO[2,3-D]PYRIMIDIN-2-YL)AMINO)-3-METHOXY-N-METHYLBENZAMIDE, COMPOSITIONS THEREOF AND METHODS OF THEIR USE**
[54] **FORME AMORPHE DE 4- ((4 (CYCLOPENTYLOXY) -5-METHYLBENZO[D]OXAZOL-6-YL)-7H-PYRROLO[2,3-D]PYRIMIDIN-2-YL)AMINO)-3-METHOXY-N-METHYLBENZAMIDE, COMPOSITIONS CONTENANT UNE TELLE FORME ET LEURS PROCEDES D'UTILISATION**
[72] CHEN, MING J., US
[72] MUSLEHIDDINOGLU, JALE, US
[72] RUCHELMAN, ALEXANDER, US
[72] CONNOLLY, TERRENCE JOSEPH, US
[71] SIGNAL PHARMACEUTICALS, LLC, US
[85] 2017-01-12
[86] 2015-07-13 (PCT/US2015/040127)
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[51] **Int.Cl. A61F 9/00 (2006.01) C08J 7/04 (2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **CONTACT LENSES AND METHODS OF MAKING CONTACT LENSES**
[54] **LENTILLES DE CONTACT ET PROCEDES DE PRODUCTION DE LENTILLES DE CONTACT**
[72] HAVENSTRITE, KAREN L., US
[72] MCCRAY, VICTOR W., US
[72] FELKINS, BRANDON M., US
[72] MCGIBBON, ANDREW, US
[71] TANGIBLE SCIENCE, LLC, US
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[86] 2015-07-20 (PCT/US2015/041119)
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[25] EN
[54] **TIP DEFORMATION MEASURING APPARATUS FOR MEDICAL PROCEDURES**
[54] **APPAREIL DE MESURE DE DEFORMATION DE POINTE POUR INTERVENTIONS MEDICALES**
[72] PIRON, CAMERON, CA
[72] RICHMOND, JOSHUA, CA
[72] SELA, GAL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-01-13
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[87] (WO2016/008038)
[30] US (14/331,522) 2014-07-15

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[51] **Int.Cl. C12N 15/13 (2006.01) C07K 16/28 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **ANTIBODIES WITH HIGH AFFINITY FOR AKLOTHO**
[54] **ANTICORPS A GRANDE AFFINITE POUR ?KLOTHO**
[72] BARKER, SARAH L., CA
[72] MOE, ORSON W., US
[72] KURO-O, MAKOTO, US
[72] SIDHU, SACHDEV S., CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[86] 2015-07-31 (PCT/CA2015/050728)
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[30] US (62/031,477) 2014-07-31

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[51] **Int.Cl. C09K 8/72 (2006.01) C09K 8/40 (2006.01) C09K 8/42 (2006.01) C09K 8/52 (2006.01) E21B 43/22 (2006.01) E21B 43/27 (2006.01)**
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[54] **RESERVOIR TREATMENT FLUID**
[54] **FLUIDE DE TRAITEMENT DE RESERVOIR**
[72] MIRZAEI, AMIR A., CA
[72] RAD, HIRBOD, CA
[71] UNIQUEM INC., CA
[85] 2017-01-13
[86] 2015-07-14 (PCT/CA2015/000431)
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[30] US (62/024,155) 2014-07-14

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[51] **Int.Cl. H04W 36/00 (2009.01)**
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[54] **HANDOVER METHOD, HANDOVER APPARATUS AND HANDOVER SYSTEM**
[54] **PROCEDE DE TRANSFERT, APPAREIL DE TRANSFERT ET SYSTEME DE TRANSFERT**
[72] DECARREAU, GUILLAUME, CN
[72] SEBIRE, BENOIST PIERRE, JP
[72] ZHANG, YANJI, CN
[71] NOKIA SOLUTIONS AND NETWORKS OY, FI
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[87] (WO2016/015235)

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[51] **Int.Cl. H02K 7/18 (2006.01) F03D 9/25 (2016.01) F03D 7/06 (2006.01) H02K 1/27 (2006.01) H02K 21/24 (2006.01)**
[25] EN
[54] **DIRECT WIND ENERGY GENERATION**
[54] **GENERATION D'ENERGIE EOLIENNE DIRECTE**
[72] BURKLE, STEVE, US
[71] EIP TECHNOLOGIES, INC., US
[85] 2017-01-12
[86] 2015-07-20 (PCT/US2015/041204)
[87] (WO2016/011454)
[30] US (62/026,561) 2014-07-18

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[51] **Int.Cl. F28G 1/14 (2006.01) F28G 15/02 (2006.01) F28G 15/04 (2006.01)**
[25] EN
[54] **FLEXIBLE TUBE CLEANING LANCE POSITIONER FRAME APPARATUS**
[54] **APPAREIL A CADRE DE POSITIONNEUR DE LANCE DE NETTOYAGE A TUBE FLEXIBLE**
[72] MATHIS, TODD, US
[71] STONEAGE, INC., US
[85] 2017-01-12
[86] 2015-07-22 (PCT/US2015/041471)
[87] (WO2016/014626)
[30] US (62/028,534) 2014-07-24

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[25] EN
[54] **SPIROQUINOXALINE DERIVATIVES AS INHIBITORS OF NON-APOPTOTIC REGULATED CELL-DEATH**
[54] **DERIVES DE SPIROQUINOXALINE EN TANT QU'INHIBITEURS DE LA MORT CELLULAIRE REGULEE NON APOPTOTIQUE**
[72] PRONETH, BETTINA, DE
[72] CONRAD, MARCUS, DE
[72] SCHICK, JOEL, DE
[72] SENNHENN, PETER, DE
[71] PRONETH, BETTINA, DE
[71] CONRAD, MARCUS, DE
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[86] 2014-07-15 (PCT/EP2014/065145)
[87] (WO2015/007730)
[30] EP (13176580.2) 2013-07-15
[30] EP (13176581.0) 2013-07-15
[30] EP (13176582.8) 2013-07-15

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[51] **Int.Cl. B08B 9/032 (2006.01) B08B 7/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR FLUSHING A PIPE SYSTEM USING A FLUID IN A SUPERCRITICAL STATE**
[54] **PROCEDE ET SYSTEME POUR RINCER UN RESEAU DE TUYAUTERIE AU MOYEN D'UN FLUIDE A L'ETAT SUPERCRITIQUE**
[72] THOMSEN, JENS PEDER HOG, DK
[72] LETH, SOREN, DK
[72] STENSTRUP, MARTIN MOSE, DK
[71] OCEAN TEAM GROUP A/S, DK
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[30] DK (PA 2013 70438) 2013-08-08

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[13] A1
[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/43 (2006.01) E21B 10/62 (2006.01)**
[25] EN
[54] **CUTTING ELEMENT, TOOL AND METHOD OF CUTTING WITHIN A BOREHOLE**
[54] **ELEMENT DE COUPE, OUTIL ET PROCEDE DE COUPE A L'INTERIEUR D'UN TROU DE FORAGE**
[72] STOWE, CALVIN J., US
[72] MODY, RUSTOM K., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-01-12
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[51] **Int.Cl. B65G 47/52 (2006.01) B65G 15/00 (2006.01) B65G 47/46 (2006.01)**
[25] EN
[54] **CLEANABLE DIVERTER**
[54] **DISPOSITIF DE DEVIATION POUVANT ETRE NETTOYE**
[72] GUERNSEY, KEVIN W., US
[72] BISHOP, JONATHAN J., US
[72] DEROCHE, TIMOTHY J., US
[72] GREMILLION, KEVIN L., US
[72] VULPETTI, MATTHEW, US
[72] LEE, BRIAN R., US
[71] LAITRAM, L.L.C., US
[85] 2017-01-12
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[87] (WO2016/014196)
[30] US (14/338,907) 2014-07-23

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[51] **Int.Cl. C40B 30/04 (2006.01) B01L 3/00 (2006.01) B01L 7/00 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHOD FOR IDENTIFYING HIGH-AFFINITY COMPLEXES OF TWO LIGANDS AND A RECEPTOR, DEVICE FOR CARRYING OUT THE METHOD AND SELF-ASSEMBLYING CHEMICAL LIBRARY FOR USE WITH SAID METHOD**
[54] **PROCEDE POUR IDENTIFIER DES COMPLEXES A AFFINITE ELEVEE COMPOSES DE DEUX LIGANDS ET D'UN RECEPTEUR, DISPOSITIF POUR METTRE EN □UVRE LE PROCEDE ET BIBLIOTHEQUE CHIMIQUE A AUTO-ASSEMBLAGE A EMPLOYER DANS LEDIT PROCEDE**
[72] REDDAVIDE, FRANCESCO, DE
[72] DE ANDRADE, HELENA, DE
[72] LIN, WEILIN, DE
[72] ZHANG, YIXIN, DE
[72] MELE, ELISA, IT
[71] TECHNISCHE UNIVERSITAT DRESDEN, DE
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[87] (WO2016/008822)
[30] DE (10 2014 213 783.7) 2014-07-16

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[13] A1
[51] **Int.Cl. A61B 34/00 (2016.01) A61B 90/00 (2016.01)**
[25] EN
[54] **FINGER CONTROLLED MEDICAL DEVICE INTERFACE**
[54] **INTERFACE DE DISPOSITIF MEDICAL COMMANDEE AU DOIGT**
[72] FRANJIC, KRESIMIR, CA
[72] HYNNA, KAI MICHAEL, CA
[72] JAGGA, ARUN VICTOR, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-01-13
[86] 2015-07-13 (PCT/CA2015/050650)
[87] (WO2016/008041)
[30] US (14/331,484) 2014-07-15

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[51] **Int.Cl. G01F 1/84 (2006.01)**
[25] EN
[54] **APPARATUS FOR DETERMINING A DIFFERENTIAL ZERO OFFSET IN A VIBRATING FLOWMETER AND RELATED METHOD**
[54] **APPAREIL POUR DETERMINER UN DECALAGE DU ZERO DIFFERENTIEL DANS UN DEBITMETRE VIBRANT ET PROCEDE ASSOCIE**
[72] ZIMMER, PATRICK JOHN, US
[72] HILL, CHRISTOPHER DOUGLAS, US
[71] MICRO MOTION, INC., US
[85] 2017-01-12
[86] 2014-07-14 (PCT/US2014/046521)
[87] (WO2016/010514)

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[13] A1
[51] **Int.Cl. G06F 12/16 (2006.01)**
[25] EN
[54] **FLUSHING IN FILE SYSTEM**
[54] **PURGE DANS UN SYSTEME DE FICHIERS**
[72] REN, JINGLEI, CN
[72] LIANG, CHIEH-JAN MIKE, CN
[72] MOSCIBRODA, THOMAS, CN
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[72] KNIGHT, CHAD, US
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[72] WHITELAW, CHRISTOPHER BRUCE ALEXANDER, GB
[72] LILLICO, SIMON GEOFFREY, GB
[72] TELUGU, BHANU PRAKASH, US
[71] WASHINGTON STATE UNIVERSITY, US
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[54] **METHODS, COMPOSITIONS, AND KITS FOR ANALYSIS OF STRUCTURALLY DIVERSE COMPLEX LIPIDS**
[54] **PROCEDES, COMPOSITIONS ET KITS POUR L'ANALYSE DE LIPIDES COMPLEXES DE STRUCTURES DIVERSES**
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[71] METABOLON, INC., US
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[54] **HETEROSTRUCTURES POUR L'ELECTROCATALYSE ULTRA-ACTIVE A EVOLUTION D'HYDROGENE**
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[72] GONG, MING, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **PROCEDE PERMETTANT DE FOURNIR UNE IMAGE AU MOYEN D'UN RESEAU COMPOSE DE MULTIPLES LENTILLES**
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[54] **ENSEMBLE DE BAC A PLANTES ADAPTABLE SUR UN POTEAU ET UNE PAROI ET SON SUPPORT**
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[54] **PROCEDE ET COMPOSITION DESTINES A INHIBER LA METHANOGENESE PENDANT LE TRAITEMENT IN SITU DE SEDIMENTS**
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[72] MUELLER, JAMES, G., US
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[54] **METHOD FOR CLEANING PROCESS OFF- OR ENGINE EXHAUST GAS**
[54] **PROCEDE DE NETTOYAGE DE REJETS GAZEUX DE PROCEDES OU DE GAZ D'ECHAPPEMENT DE MOTEUR**
[72] JOHANSEN, KELD, DK
[72] ARCHETTI, MAURIZIO, CH
[71] HALDOR TOPSOE A/S, DK
[71] ECOSPRAY TECHNOLOGIES S.R.L., IT
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[54] **PROCEDE ET SYSTEME DE DETERMINATION DE POSITION**
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[72] ROBERT, CHRISTOPHE, FR
[72] FINI, THOMAS, FR
[72] LEBREIL, FABIENNE, FR
[72] LE GRAS, HERVE, FR
[72] TOURNOUD, ISABELLE, FR
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[54] **DIAGNOSTIC ET TRAITEMENT DE LA MALADIE DE KAWASAKI**
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[72] WU, JER-YUARN, TW
[72] KO, TAI-MING, TW
[72] KUO, HO-CHANG, TW
[72] CHANG, JENG-SHENG, TW
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[54] **COMMANDE DE ZONE BLUETOOTH A L'AIDE PAR DETECTION DE PROXIMITE**
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[71] LAIRD TECHNOLOGIES, INC., US
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[72] SADOVSKY, ART, US
[72] SADYKOV, TIMUR, US
[72] PREMARAJ, ASHISH, US
[72] NARAYANAN, VENKAT, US
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[54] **SOLUTIONS REDONDANTES DE SORTIES SUR UN DIVISEUR DE TENSION RC**
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[72] PICCARDO, FRANCESCO, IT
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[72] BROWN, RANDALL W., US
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[54] **SYSTEMES, PROCEDES ET APPAREILS DE MESURE DE DEFORMATION DE SURFACE**
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[71] APPLIED RESEARCH ASSOCIATES, INC., US
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[54] **STRUCTURE DE SUPPORT DE PLANTE ET PROCEDE ET KIT POUR LA FABRIQUER**
[72] MONTAGANO, MICHAEL, CA
[71] MONDI PRODUCTS LTD., CA
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[54] **OUTIL D'INTERVENTION DE PUITS DE FORAGE POUR PENETRER DANS DES OBSTRUCTIONS DANS UN PUITS DE FORAGE**
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[72] GUDMESTAD, TARALD, NO
[71] AARBAKKE INNOVATION A.S., NO
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[54] **FORME POSOLOGIQUE REMPLIE DE LIQUIDE ANTI-ABUS A LIBERATION IMMEDIATE**
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[72] THOMPSON, ERIC R., US
[72] MYSLINSKI, NICHOLAS R., US
[72] KEMENY, STEVEN F., US
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[54] **FONCTIONNALISATION SELECTIVE A BASE DE METAL DE TRANSITION DE CHALCOGENES DANS DES BIOMOLECULES**
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[72] PENTELUTE, BRADLEY L., US
[72] SPOKOYNY, ALEXANDER M., US
[72] VINOGRADOVA, EKATERINA V., US
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[54] **TREPAN DE FRAISE FIXE AVEC DISPOSITIF DE GUIDAGE D'ECOULEMENT**
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[72] SUE, JIINJEN ALBERT, US
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[54] **COMMUNICATION, SURVEILLANCE, ET GESTION DE TRAFIC POUR UN VEHICULE AERIEN SANS PILOTE**
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[54] **CAPTEUR DE TEMPERATURE**
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[72] WUILPART, MARC, BE
[72] MEGRET, PATRICE, BE
[71] UNIVERSITE DE MONS, BE
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[54] **POLYNUCLEOTIDES CIRCULAIRES**
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[72] FRALEY, ANDREW, US
[72] RHODEN SMITH, AMY, US
[71] MODERNA THERAPEUTICS, INC., US
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[54] **ADDITIF ANTIOXYDANT LIQUIDE SANS CENDRE POUR COMPOSITIONS LUBRIFIANTES**
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[72] GATTO, VINCENT, US
[71] VANDERBILT CHEMICALS, LLC, US
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[54] **DISPOSITIFS TRAVERSANT UNE OCCLUSION TOTALE CHRONIQUE A VITESSE ELEVEE**
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[72] SIMPSON, JOHN B., US
[72] RADJABI, RYAN, US
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[54] **NANOCRISTAUX DE CELLULOSE FONCTIONNALISES PAR LA POLYDOPAMINE (PD-CNC) ET LEURS UTILISATIONS**
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[72] TANG, JUNTAO, CA
[72] TAM, KAM CHIU, CA
[72] BERRY, RICHARD, CA
[71] CELLUFORCE INC., CA
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[72] FRALEY, ANDREW, US
[72] RHODEN SMITH, AMY, US
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[54] **FORMULATIONS DE PROTEINES D'OEUF ET LEURS PROCEDES DE FABRICATION**
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[71] AIMMUNE THERAPEUTICS, INC., US
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[54] **IDENTIFICATION DE GENES CANCEREUX PAR FUSION IN VIVO DE CELLULES CANCEREUSES HUMAINES ET DE CELLULES ANIMALES**
[72] GOLDENBERG, DAVID M., US
[72] CHANG, CHIEN-HSING, US
[71] IMMUNOMEDICS, INC., US
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[54] **ORITAVANCINE A HAUTE PURETE ET SON PROCEDE DE PRODUCTION**
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[72] KRISHNA, GOPAL, US
[72] DING, MIN, US
[72] CHEMBURKAR, SANJAY R., US
[72] KNABLE, CARL M., US
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[54] **ENSEMBLE EXPLOSIF A HAUTE TENSION PERMETTANT DES DETONATIONS DE FOND DE TROU**
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[72] BROOKS, JAMES E., US
[71] HUNTING TITAN, INC., US
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[87] (WO2016/033471)
[30] US (62/070,587) 2014-08-29

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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/32 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHOD FOR INHIBITING INTRACELLULAR ACTIVATED RAS USING INTACT IMMUNOGLOBULIN-TYPE ANTIBODY HAVING CYTOSOL-PENATRATING ABILITY AND USE THEREOF**
[54] **METHODE D'INHIBITION DE RAS ACTIVE INTRACELLULAIRE AU MOYEN D'ANTICORPS DE TYPE IMMUNOGLOBULINE INTACT AYANT UNE CAPACITE DE PENETRATION DU CYTOSOL ET UTILISATION ASSOCIEE**
[72] KIM, YONG SUNG, KR
[72] CHOI, DONG KI, KR
[72] SHIN, SEUNG MIN, KR
[72] KIM, SUNG HOON, KR
[71] ORUM THERAPEUTICS INC., KR
[85] 2017-01-13
[86] 2015-07-22 (PCT/KR2015/007627)
[87] (WO2016/013871)
[30] KR (10-2014-0092687) 2014-07-22
[30] KR (10-2015-0103214) 2015-07-21

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[51] **Int.Cl. F42B 35/00 (2006.01) E21B 43/116 (2006.01) E21B 43/117 (2006.01)**
[25] EN
[54] **SYNTHETIC TARGET MATERIAL FOR SHAPED CHARGE PERFORMANCE EVALUATION, POWDERED METAL**
[54] **MATERIAU CIBLE SYNTHETIQUE POUR EVALUATION DE PERFORMANCES DE CHARGE FORMEE, METAL EN POUDRE**
[72] RUDNIK, IAN DOUGLAS, US
[72] SOKOLOVE, CHRISTOPHER BRIAN, US
[72] ASHTON, LAURA MONTOYA, US
[72] TOMPKINS, MORGAN, US
[71] HUNTING TITAN, INC., US
[85] 2017-01-13
[86] 2015-08-28 (PCT/US2015/047581)
[87] (WO2016/033551)
[30] US (62/043,072) 2014-08-28

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[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/32 (2006.01)**
[25] EN
[54] **METHOD FOR POSITIONING, IN CYTOPLASM, ANTIBODY HAVING COMPLETE IMMUNOGLOBULIN FORM BY PENETRATING ANTIBODY THROUGH CELL MEMBRANE, AND USE FOR SAME**
[54] **PROCEDE POUR POSITIONNER, DANS LE CYTOPLASME, UN ANTICORPS AU FORMAT IMMUNOGLOBULINE COMPLETE PAR PENETRATION DE L'ANTICORPS A TRAVERS LA MEMBRANE CELLULAIRE, ET SON UTILISATION**
[72] KIM, YONG SUNG, KR
[72] CHOI, DONG KI, KR
[72] SHIN, SEUNG MIN, KR
[72] KIM, SUNG HOON, KR
[71] ORUM THERAPEUTICS INC., KR
[85] 2017-01-13
[86] 2015-07-22 (PCT/KR2015/007626)
[87] (WO2016/013870)
[30] KR (10-2014-0092673) 2014-07-22
[30] KR (10-2015-0103163) 2015-07-21

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[25] EN
[54] **HEADLIGHT WITH AN LED LIGHT SOURCE**
[54] **PROJECTEUR MUNI D'UNE SOURCE LUMINEUSE A LED**
[72] MELZNER, ERWIN, DE
[71] ARNOLD & RICHTER CINE TECHNIK GMBH & CO. BETRIEBS KG, DE
[85] 2017-01-16
[86] 2015-07-20 (PCT/EP2015/066539)
[87] (WO2016/009089)
[30] DE (20 2014 103 329.7) 2014-07-18

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[51] **Int.Cl. E21B 36/04 (2006.01) F16L 53/00 (2006.01)**
[25] EN
[54] **A HYDROCARBON HEATING SYSTEM**
[54] **SYSTEME DE CHAUFFAGE D'HYDROCARBURES**
[72] MOHAMMADI, SHAHROKH, GB
[71] TULLOW GROUP SERVICES LIMITED, GB
[85] 2017-01-16
[86] 2015-07-17 (PCT/GB2015/052076)
[87] (WO2016/009220)
[30] GB (1412767.4) 2014-07-18

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[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/145 (2006.01) A61K 39/29 (2006.01) A61P 31/12 (2006.01) A61P 31/16 (2006.01)**
[25] EN
[54] **VACCINE CONTAINING VIRUS-LIKE PARTICLES**
[54] **VACCIN CONTENANT DES PARTICULES PSEUDO-VIRALES**
[72] KIMACHI, KAZUHIKO, JP
[72] ABE, MOTOHARU, JP
[72] IKEDA, KAZUYUKI, JP
[72] ONUMA, HIROTO, JP
[72] TSURUDOME, YUKARI, JP
[72] IKENO, DAISUKE, JP
[72] NISHIYAMA, KIYOTO, JP
[72] ONCHIK, TATSUFUMI, JP
[72] OOYAMA, YUSUKE, JP
[72] ASANO, ISSAY, JP
[72] KITANO, RYOICHI, JP
[71] THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE, JP
[85] 2017-01-12
[86] 2015-07-15 (PCT/JP2015/070297)
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[30] JP (2014-147845) 2014-07-18

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[51] **Int.Cl. A61K 8/00 (2006.01)**
[25] EN
[54] **VOLUME BOOSTING MOLDING HAIR COLORING CREME FORMULATION**
[54] **FORMULATION DE CREME DE COLORATION CAPILLAIRE A EFFET SCULPTANT ET VOLUMATEUR**
[72] GREENE, MICHAEL V., US
[71] GREENE, MICHAEL V., US
[85] 2017-01-13
[86] 2015-07-08 (PCT/US2015/000073)
[87] (WO2016/010583)
[30] US (61/999,007) 2014-07-14
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[13] A1
[51] **Int.Cl. A01G 9/02 (2006.01) C05F 17/02 (2006.01)**
[25] EN
[54] **MODULAR COMPOSITING GARDEN CONTAINER, SYSTEM, AND METHOD OF USE**
[54] **CONTENANT DE JARDIN DE COMPOSTAGE MODULAIRE, SYSTEME ET PROCEDE D'UTILISATION**
[72] CUDMORE, COLIN, US
[72] GRANT, JOEL BAUCHAT, US
[71] CUDMORE, COLIN, US
[71] GRANT, JOEL BAUCHAT, US
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[86] 2015-07-09 (PCT/US2015/039628)
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[51] **Int.Cl. C04B 35/583 (2006.01) B23B 27/14 (2006.01)**
[25] EN
[54] **SINTERED COMPACT AND CUTTING TOOL**
[54] **OUTIL DE COUPE COMPACT FRITTE**
[72] DANDA, MAYU, JP
[72] OKAMURA, KATSUMI, JP
[72] KUKINO, SATORU, JP
[71] SUMITOMO ELECTRIC HARDMETAL CORP., JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[85] 2017-01-13
[86] 2016-02-24 (PCT/JP2016/055376)
[87] (WO2016/194416)
[30] JP (2015-110671) 2015-05-29

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[13] A1
[51] **Int.Cl. C08J 9/228 (2006.01) B29C 49/04 (2006.01) C08J 9/04 (2006.01)**
[25] EN
[54] **NON-VOC PROCESSING AIDS FOR USE IN MANUFACTURING FOAMS USING LOW GLOBAL WARMING POTENTIAL BLOWING AGENTS**
[54] **AUXILIAIRES DE TRAITEMENT SANS COV POUR UNE UTILISATION DANS LA FABRICATION DE MOUSSES UTILISANT DES AGENTS GONFLANTS A FAIBLE POTENTIEL D'EFFET DE SERRE**
[72] DELAVIZ, YADOLLAH, US
[72] BOUDREAUX, CHASE J., US
[72] HAN, XIANGMIN, US
[72] BRAMMER, S. THOMAS, US
[72] FABIAN, BARBARA ANN, US
[72] WEEKLEY, MITCHELL ZANE, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[85] 2017-01-12
[86] 2015-07-16 (PCT/US2015/040681)
[87] (WO2016/011219)
[30] US (62/025,128) 2014-07-16

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[51] **Int.Cl. G01N 33/566 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01)**
[25] EN
[54] **BULK ALLELE DISCRIMINATION ASSAY**
[54] **ANALYSE DE DISCRIMINATION ALLELIQUE GLOBALE**
[72] JACKSON, ERIC WAYNE, US
[72] BROWN, RYAN HAL, US
[71] GENERAL MILLS, INC., US
[85] 2017-01-13
[86] 2015-07-16 (PCT/US2015/040763)
[87] (WO2016/011258)
[30] US (62/025,327) 2014-07-16

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[13] A1
[51] **Int.Cl. G06T 7/00 (2017.01)**
[25] EN
[54] **STABILIZATION AND DISPLAY OF REMOTE IMAGES**
[54] **STABILISATION ET AFFICHAGE D'IMAGES DISTANTES**
[72] SHAMIR, HANAN, IL
[72] ASHKENAZI, ASAF, IL
[72] TELL, ELIYAHU, IL
[71] ELBIT SYSTEMS LTD., IL
[85] 2017-01-16
[86] 2015-07-17 (PCT/IB2015/001199)
[87] (WO2016/009268)
[30] IL (233684) 2014-07-17

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[51] **Int.Cl. B01D 33/03 (2006.01) B01D 63/16 (2006.01) B07B 1/28 (2006.01) B07B 1/40 (2006.01)**
[25] EN
[54] **SEPARATION OF MATERIALS**
[54] **SEPARATION DE MATERIAUX**
[72] GRAHAM, NEIL DERYCK BRAY, AU
[71] Z-SPLITTER PTY LTD, AU
[85] 2017-01-13
[86] 2014-08-20 (PCT/AU2014/000827)
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[30] AU (2013903149) 2013-08-20

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[51] **Int.Cl. C01F 17/00 (2006.01)**
[25] EN
[54] **METHOD FOR EXTRACTION AND SEPARATION OF RARE EARTH ELEMENTS**
[54] **PROCEDE D'EXTRACTION ET DE SEPARATION D'ELEMENTS DE TERRES RARES**
[72] BREWER, JOSEPH, US
[71] RARE EARTH SALTS SEPARATION AND REFINING, LLC, US
[85] 2017-01-13
[86] 2015-08-14 (PCT/US2015/045423)
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[30] US (62/037,714) 2014-08-15

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[13] A1
[51] **Int.Cl. B62B 5/00 (2006.01)**
[25] EN
[54] **A CASTOR SUPPORTED DOLLY ASSEMBLY CAPABLE OF BEING MADE FROM LIGHTWEIGHT MATERIALS AND SO AS TO BE DISPOSABLE OR SEVERABLE**
[54] **ENSEMBLE CHARIOT SUPPORTE PAR DES ROULETTES POUVANT ETRE CONSTITUE DE MATERIAUX LEGERS ET DE MANIERE A POUVOIR ETRE JETE OU SEPARE**
[72] BUTTAZZONI, LUCA, US
[72] BERNAL, ANDRES, US
[71] BUTTAZZONI, LUCA, US
[85] 2017-01-16
[86] 2014-07-14 (PCT/US2014/046531)
[87] (WO2015/009622)
[30] US (13/942,206) 2013-07-15

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[13] A1
[51] **Int.Cl. C25D 11/30 (2006.01)**
[25] EN
[54] **ELECTROCERAMIC COATING FOR MAGNESIUM ALLOYS**
[54] **REVETEMENT ELECTROCERAMIQUE POUR ALLIAGES DE MAGNESIUM**
[72] DOLAN, SHAWN E., US
[72] KRAMER, KIRK, US
[72] MURPHY, MICHAEL A., JR., US
[72] SALET, LISA K., US
[71] HENKEL AG & CO. KGAA, DE
[85] 2017-01-16
[86] 2014-07-17 (PCT/US2014/047026)
[87] (WO2016/010541)

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[13] A1
[51] **Int.Cl. B65D 43/02 (2006.01)**
[25] EN
[54] **SEALABLE CONTAINER**
[54] **CONTENANT SCELLABLE**
[72] BLAGOJEVIC, STEVAN, US
[71] BLAGOJEVIC, STEVAN, US
[85] 2017-01-16
[86] 2014-07-21 (PCT/US2014/047488)
[87] (WO2015/010136)
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[30] US (62/026,877) 2014-07-21

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[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **RANKING EXTERNAL CONTENT ON ONLINE SOCIAL NETWORKS**
[54] **CLASSEMENT D'UN CONTENU EXTERNE SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] KATIC, VOJIN, US
[71] FACEBOOK, INC., US
[85] 2017-01-16
[86] 2014-07-28 (PCT/US2014/048414)
[87] (WO2016/014091)
[30] US (14/341,148) 2014-07-25

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[51] **Int.Cl. E02B 3/00 (2006.01) A47K 3/10 (2006.01) A63B 69/00 (2006.01) A63G 31/00 (2006.01) E04H 4/00 (2006.01)**
[25] EN
[54] **SURFING WAVE GENERATION**
[54] **GENERATION DE VAGUE DE SURF**
[72] TREVIS, AARON JAMES, AU
[71] SURF LAKES HOLDINGS LTD, AU
[85] 2017-01-16
[86] 2015-06-09 (PCT/AU2015/000344)
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[51] **Int.Cl. A61K 31/352 (2006.01) A61K 36/752 (2006.01) A61P 1/00 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **METHOD OF EXTRACTING FLAVONOIDS AND/OR POLYPHENOLS FROM DRIED AND POWDERED ORANGE PEELS, COMPOSITIONS THEREFROM, AND METHODS OF TREATMENT OF DISEASES ASSOCIATED WITH CHRONIC INFLAMMATION**
[54] **PROCEDE POUR EXTRAIRE DES FLAVONOIDES ET/OU POLYPHENOLS D'ECORCES D'ORANGE SECHEES ET EN POUDRE, SES COMPOSITIONS, ET PROCEDES DE TRAITEMENT DE MALADIES ASSOCIEES A UNE INFLAMMATION CHRONIQUE**
[72] VASUDEVAN, HARISH, CA
[72] TAIT, ANDREW, CA
[71] TAIT LABORATORIES INC., CA
[85] 2017-01-16
[86] 2014-07-16 (PCT/CA2014/000599)
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[30] US (61/846,995) 2013-07-16

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[51] **Int.Cl. A61B 17/11 (2006.01)**
[25] EN
[54] **MINIMALLY TRAUMATIC ANASTOMOSIS**
[54] **ANASTOMOSE MINIMALEMENT TRAUMATIQUE**
[72] ROY, SUMIT, NO
[71] ANASTOMOSIS AS, NO
[85] 2017-01-16
[86] 2015-08-11 (PCT/EP2015/068474)
[87] (WO2016/023907)
[30] US (62/036,345) 2014-08-12

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[51] **Int.Cl. H04N 21/435 (2011.01) H04N 21/235 (2011.01)**
[25] EN
[54] **RECEIVING DEVICE, RECEIVING METHOD, TRANSMITTING DEVICE, AND TRANSMITTING METHOD**
[54] **DISPOSITIF DE RECEPTION, PROCEDE DE RECEPTION, DISPOSITIF D'EMISSION ET PROCEDE D'EMISSION**
[72] KITAZATO, NAOHISA, JP
[72] YAMAGISHI, YASUAKI, JP
[72] DEWA, YOSHIHARU, JP
[72] KITAHARA, JUN, JP
[71] SONY CORPORATION, JP
[85] 2017-01-16
[86] 2015-08-24 (PCT/JP2015/073655)
[87] (WO2016/035589)
[30] JP (2014-181625) 2014-09-05

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[51] **Int.Cl. A21D 2/16 (2006.01) A21D 8/02 (2006.01) A21D 10/00 (2006.01)**
[25] EN
[54] **USE OF A FAT PARTICLES IN THE PREPARATION OF FARINACEOUS PRODUCTS**
[54] **UTILISATION DE PARTICULES GRASSES DANS LA PREPARATION DE PRODUITS FARINEUX**
[72] HELD, WOLGANG, DE
[72] HOFLAND, GERARD WILLEM, NL
[72] MOONEN, JOHANNES HUBERTUS ELISE, NL
[72] STOLK, MAARTEN, NL
[71] BAKERY SUPPLIES EUROPE HOLDING B.V., NL
[85] 2017-01-16
[86] 2015-07-08 (PCT/NL2015/050498)
[87] (WO2016/010421)
[30] EP (14177511.4) 2014-07-17

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[13] A1
[51] **Int.Cl. C09K 8/12 (2006.01) C09K 8/035 (2006.01)**
[25] EN
[54] **METHODS TO PLACE FLUID LOSS MATERIALS**
[54] **PROCEDES POUR PLACER DES MATERIAUX DE PERTE DE FLUIDE**
[72] OGLE, JAMES WILLIAM, US
[72] BEUTERBAUGH, AARON M., US
[72] SINGH, DIPTI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-16
[86] 2014-07-31 (PCT/US2014/049178)
[87] (WO2016/018374)

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[13] A1
[51] **Int.Cl. E21B 43/00 (2006.01) E21B 41/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **DETERMINING ONE OR MORE PARAMETERS OF A WELL COMPLETION DESIGN BASED ON DRILLING DATA CORRESPONDING TO VARIABLES OF MECHANICAL SPECIFIC ENERGY**
[54] **DETERMINATION D'UN OU PLUSIEURS PARAMETRES D'UN SYSTEME DE COMPLETION D'UN PUITS SUR LA BASE DE DONNEES DE FORAGE CORRESPONDANT A DES VARIABLES D'ENERGIE MECANIQUE SPECIFIQUE.**
[72] SRINIVASAN, SRIDHAR, IN
[72] LOGAN, WILLIAM DALE, US
[71] VORPAL ENERGY SOLUTIONS, LLC, US
[71] C&J SPEC-RENT SERVICES, INC., US
[85] 2017-01-16
[86] 2015-06-17 (PCT/US2015/036190)
[87] (WO2016/010667)
[30] US (62/026,199) 2014-07-18
[30] US (14/734,290) 2015-06-09

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[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) C22C 23/00 (2006.01)**
[25] EN
[54] **DEGRADABLE DOWNHOLE TOOLS COMPRISING MAGNESIUM ALLOYS**
[54] **OUTILS DE FOND DE TROU DEGRADABLES COMPRENANT DES ALLIAGES DE MAGNESIUM**
[72] FRIPP, MICHAEL LINLEY, US
[72] WALTON, ZACHARY WILLIAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-16
[86] 2015-06-30 (PCT/US2015/038573)
[87] (WO2016/032619)
[30] US (PCT/US2014/053185) 2014-08-28

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[13] A1
[51] **Int.Cl. E21B 47/0228 (2012.01) G01V 3/18 (2006.01) G01V 3/38 (2006.01)**
[25] EN
[54] **SURFACE RANGING TECHNIQUE WITH A SURFACE DETECTOR**
[54] **TECHNIQUE DE TELEMETRIE DE SURFACE AVEC UN DETECTEUR DE SURFACE**
[72] FAN, YIJING, SG
[72] DONDERICI, BURKAY, US
[72] BURKE, JOSEPH, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-16
[86] 2014-09-24 (PCT/US2014/057265)
[87] (WO2016/048307)

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[13] A1
[51] **Int.Cl. B07C 3/00 (2006.01) B62B 3/00 (2006.01)**
[25] EN
[54] **A METHOD AND MECHANISM TO AUTOMATE MAIL SWEEPING**
[54] **PROCEDE ET MECANISME POUR AUTOMATISER LE BALAYAGE DU COURRIER**
[72] BRIGHAM, MICHAEL EDWARD, US
[72] GAVENAS, JEFFREY ANTHONY, US
[71] TOSHIBA INTERNATIONAL CORPORATION, US
[85] 2017-01-16
[86] 2015-06-30 (PCT/US2015/038602)
[87] (WO2016/004069)
[30] US (62/020,112) 2014-07-02
[30] US (14/755,382) 2015-06-30

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[13] A1
[51] **Int.Cl. D01F 1/10 (2006.01) D01F 9/08 (2006.01)**
[25] EN
[54] **INORGANIC FIBER WITH IMPROVED SHRINKAGE AND STRENGTH**
[54] **FIBRE INORGANIQUE A RETRECISSEMENT ET RESISTANCE AMELIORES**
[72] ZHAO, DONGHUI, US
[72] ZOITOS, BRUCE K., US
[72] ANDREJCAK, MICHAEL J., US
[72] HAMILTON, JASON M., US
[71] UNIFRAX I LLC, US
[85] 2017-01-16
[86] 2014-12-23 (PCT/US2014/072027)
[87] (WO2016/010580)
[30] US (62/025,142) 2014-07-16

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **CLIENT MANAGEMENT TOOL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'OUTIL DE GESTION DE CLIENTS**
[72] AMARASINGHAM, RUBENDRAN, US
[72] WILSON, JENNIFER, US
[72] TOWNES, ALEXANDER, US
[72] SHAH, ANAND, US
[72] FENNIRI, STEPHANIE, US
[72] SIVA, VAIDYANATHA, US
[71] PARKLAND CENTER FOR CLINICAL INNOVATION, US
[85] 2017-01-16
[86] 2015-07-14 (PCT/US2015/040335)
[87] (WO2016/010997)
[30] US (62/025,063) 2014-07-16
[30] US (14/682,836) 2015-04-09

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[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **NETWORKED ACCESS CONTROL SYSTEM**
[54] **SYSTEME DE GESTION D'ACCES EN RESEAU**
[72] NEAFSEY, JEFFREY SCOTT, US
[72] BAUMGARTE, JOSEPH WAYNE, US
[72] DEXTER, MATTHEW, US
[72] HARROLD, ED, US
[71] SCHLAGE LOCK COMPANY LLC, US
[85] 2017-01-16
[86] 2015-07-10 (PCT/US2015/039979)
[87] (WO2016/007877)
[30] US (62/023,079) 2014-07-10

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[13] A1
[51] **Int.Cl. B65C 1/00 (2006.01) B29C 45/14 (2006.01) B29C 49/24 (2006.01) B65C 9/18 (2006.01)**
[25] EN
[54] **LABEL HANDLING SYSTEM IN AN IN MOULD LABELLING MACHINE**
[54] **SYSTEME DE MANIPULATION D'ETIQUETTES DANS UNE MACHINE D'ETIQUETAGE DANS LE MOULE**
[72] HALL, LEIF, SE
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[54] **DISPOSITIF ELECTRONIQUE A ACTIVATION BIOCHIMIQUE**
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[72] MANDELL, JEFFREY G., US
[72] BAI, JINGWEI, US
[72] GUNDERSON, KEVIN L., US
[72] CHEN, CHENG-YAO, US
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[54] **CONTROLLABLE SELF-ANNEALING MICROGEL PARTICLES FOR BIOMEDICAL APPLICATIONS**
[54] **PARTICULES DE MICROGEL AUTO-RECUITES CONTROLABLES POUR DES APPLICATIONS BIOMEDICALES**
[72] GRIFFIN, DONALD R., US
[72] WEAVER, WESTBROOK, US
[72] SEGURA, TATIANA, US
[72] DI CARLO, DINO, US
[72] SCUMPIA, PHILIP, US
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[54] **SYSTEME DE LOCALISATION A ULTRASONS UTILISANT UNE IMPULSION A DEUX PHASES**
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[72] LAVERY, RICHARD J., US
[71] SYMBOL TECHNOLOGIES, LLC, US
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[54] **LENTILLE MINCE STABILISEE**
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[72] DODGE, JUSTIN, US
[71] VISION EASE, LP, US
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[54] **RESISTANCE CHAUFFANTE**
[72] ELVERUD, KIM EDWARD, US
[71] ELVERUD, KIM EDWARD, US
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[54] **METHODS AND SYSTEMS FOR TOTAL ORGANIC CARBON REMOVAL**
[54] **PROCEDES ET SYSTEMES POUR L'ELIMINATION DU CARBONE ORGANIQUE TOTAL**
[72] WILLIAMS, SHAZAM, CA
[72] HU, LINJIE, CA
[71] DCL INTERNATIONAL INC., CA
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[54] **AUTOMATIC SENSING AND ADJUSTMENT OF A BED SYSTEM**
[54] **DETECTION ET REGLAGE AUTOMATIQUES D'UN SYSTEME DE LIT**
[72] NUNN, ROB, US
[72] ERKO, ROBERT, US
[72] PALASHEWSKI, WADE DANIEL, US
[72] HELLFELD, SAMUEL, US
[72] CHEN, YI-CHING, US
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[54] **SOUCHE DE LISTERIA RECOMBINEE EXPRIMANT DES PROTEINES DE FUSION A ANTIGENE HETEROLOGUES ET PROCEDES POUR LES UTILISER**
[72] WALLECHA, ANU, US
[72] PETIT, ROBERT, US
[72] ELLENHORN, JOSHUA, US
[72] DIAMOND, DON J., US
[71] ADVAXIS, INC., US
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[25] FR
[54] **METHOD AND DEVICE FOR PROCESSING HIGH-FREQUENCY MOVEMENTS IN AN OPTRONIC SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE MOUVEMENTS DE HAUTES FREQUENCES DANS UN SYSTEME OPTRONIQUE**
[72] REYMOND, GEORGES-OLIVIER, FR
[71] SAFRAN ELECTRONICS & DEFENSE SAS, FR
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[54] **CONVECTIVE DRY FILTERED CONTAINMENT VENTING SYSTEM**
[54] **SYSTEME CONVECTIF DE VENTILATION DE CONFINEMENT A FILTRATION SECHE**
[72] COOPER, WILLIAM HENRY, CA
[71] AREVA INC., US
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[25] EN
[54] **HEADSET HAVING VERSATILE EYE ORIENTATION ADJUSTMENT SYSTEM**
[54] **CASQUE D'ECOUTE DOTE D'UN SYSTEME D'AJUSTEMENT D'ORIENTATION D'OEIL POLYVALENT**
[72] TAZBAZ, ERROL MARK, US
[72] FRANK, PHILIP ANDREW, US
[72] JENTZ, HENRIC, US
[72] DENHEZ, NICOLAS, US
[72] BOSVELD, PAUL, US
[72] ADAMS, ADITHA MAY, US
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[54] **AN IMPROVED POLYMERIC SHEET MATERIAL FOR USE IN MAKING POLYMERIC SECURITY DOCUMENTS SUCH AS BANKNOTES**
[54] **MATERIAU EN FEUILLE POLYMERE AMELIORE DESTINE A ETRE UTILISE DANS LA FABRICATION DE DOCUMENTS DE SECURITE POLYMERES TELS QUE DES BILLETS DE BANQUE**
[72] CAPE, SAMUEL M., US
[72] COTE, PAUL F., US
[72] GOSNELL, JONATHAN D., US
[71] VISUAL PHYSICS, LLC, US
[71] CRANE SECURITY TECHNOLOGIES, INC., US
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[54] **SELF-SUPPORTED ELECTRONIC DEVICES**
[54] **DISPOSITIFS ELECTRONIQUES AUTO-SUPPORTES**
[72] JOYCE, MARGARET K., US
[72] JOYCE, MICHAEL JAMES, US
[72] ESHKEITI, ALI, US
[72] ATASHBAR, MASSOOD ZANDI, US
[72] FLEMING, PAUL D., III, US
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[25] EN
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[54] **UTILISATION D'UN ALGORITHME DE TRANSLATION, BASE SUR LES PREUVES, ENTRE AUTRES, POUR EVALUER DES BIOMARQUEURS**
[72] LANDIS, DARRYL, US
[71] GENOVA DIAGNOSTICS, INC., US
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[54] **TERMINAL MODIFICATIONS OF POLYNUCLEOTIDES**
[54] **MODIFICATIONS DE TERMINAL DE POLYNUCLEOTIDES**
[72] CHAKRABORTY, TIRTHA, US
[72] HOGE, STEPHEN G., US
[71] MODERNATX, INC., US
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[54] **FRESH WATER DEGRADABLE DOWNHOLE TOOLS COMPRISING MAGNESIUM AND ALUMINUM ALLOYS**
[54] **OUTILS DE FORAGE DEGRADABLES A L'EAU DOUCE COMPRENANT DES ALLIAGES DE MAGNESIUM ET D'ALUMINIUM**
[72] FRIPP, MICHAEL LINLEY, US
[72] WALTON, ZACHARY WILLIAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHODS AND COMPOSITIONS FOR TREATING HIV-RELATED DISORDERS**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE TROUBLES LIES AU VIH**
[72] DOMINGUEZ, CELIA, US
[72] MUNOZ-SANJUAN, IGNACIO, US
[72] TOLEDO-SHERMAN, LETICIA, US
[71] CHDI FOUNDATION, INC., US
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[25] EN
[54] **TREATMENT OF CANCER WITH A COMBINATION OF RADIATION, CERIUM OXIDE NANOPARTICLES, AND A CHEMOTHERAPEUTIC AGENT**
[54] **TRAITEMENT DU CANCER ASSOCIANT UN RAYONNEMENT, DES NANOPARTICULES D'OXYDE DE CERIUM ET UN AGENT CHIMIOTHERAPEUTIQUE**
[72] BAKER, CHERYL, US
[71] BIOCURITY HOLDINGS, INC., US
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) C07K 14/00 (2006.01)**
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[54] **TREATMENT OF CANCER USING HUMANIZED ANTI-BCMA CHIMERIC ANTIGEN RECEPTOR**
[54] **TRAITEMENT DU CANCER AU MOYEN D'UN RECEPTEUR D'ANTIGENE CHIMERIQUE ANTI-BCMA HUMANISE**
[72] BROGDON, JENNIFER, US
[72] CHOI, EUGENE, US
[72] EBERSBACH, HILMAR, CH
[72] GLASS, DAVID, US
[72] HUET, HEATHER, US
[72] JUNE, CARL H., US
[72] MANNICK, JOAN, US
[72] MILONE, MICHAEL C., US
[72] MURPHY, LEON, US
[72] PLESA, GABRIELA, US
[72] RICHARDSON, CELESTE, US
[72] RUELLA, MARCO, US
[72] SINGH, RESHMA, US
[72] WANG, YONGQIANG, CN
[72] WU, QILONG, CN
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[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[25] EN
[54] **METHOD FOR UTILISING FINE-PARTICLE PEAT**
[54] **PROCEDE POUR RENDRE EXPLOITABLE UNE TOURBE EN FINES PARTICULES**
[72] TERFLOTH, CHRISTIAN, DE
[72] SCHMIDT, CHRISTIAN, DE
[71] JOWAT AG, DE
[85] 2017-01-17
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[87] (WO2016/015741)
[30] EP (PCT/EP2014/002058) 2014-07-28

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[51] **Int.Cl. A61B 17/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR TREATING HEART FAILURE**
[54] **DISPOSITIFS ET PROCEDES DE TRAITEMENT D'INSUFFISANCE CARDIAQUE**
[72] FORCUCCI, STEPHEN J., US
[72] FINCH, MATTHEW J., US
[72] MAGNIN, CHRISTOPHER J., US
[72] MCNAMARA, EDWARD L., US
[72] DEVELLIAN, CAROL A., US
[71] CORVIA MEDICAL, INC., US
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[86] 2015-07-23 (PCT/US2015/041777)
[87] (WO2016/014821)
[30] US (62/028,286) 2014-07-23
[30] US (62/167,624) 2015-05-28

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[51] **Int.Cl. H01M 8/02 (2016.01) H01M 8/04 (2016.01) H01M 8/12 (2016.01)**
[25] EN
[54] **STACK STRUCTURE FOR PLANAR SOLID OXIDE FUEL CELL AND SYSTEM FOR SOLID OXIDE FUEL CELL**
[54] **STRUCTURE EMPILEE DE PILE A COMBUSTIBLE A OXYDE SOLIDE DE TYPE PLAQUE ET SYSTEME DE PILE A COMBUSTIBLE A OXYDE SOLIDE**
[72] SHIMADA, SHU, JP
[71] FCO POWER, INC., JP
[85] 2017-01-17
[86] 2014-07-17 (PCT/JP2014/069093)
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[51] **Int.Cl. G01M 11/02 (2006.01) G01B 11/30 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING OPTICAL SYSTEMS AND SURFACES WITH OPTICAL RAY METROLOGY**
[54] **PROCEDE ET APPAREIL POUR MESURER DES SYSTEMES ET SURFACES OPTIQUES PAR METROLOGIE DE RAYONNEMENT OPTIQUE**
[72] LEWIS, BENJAMIN J., US
[72] VALENTE, MARTIN J., US
[71] ARIZONA OPTICAL SYSTEMS, LLC, US
[85] 2017-01-17
[86] 2015-06-17 (PCT/US2015/036303)
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[30] US (62/026,482) 2014-07-18

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[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/04 (2006.01) A61B 17/08 (2006.01) A61B 17/11 (2006.01)**
[25] EN
[54] **ANNULUS RINGS WITH SUTURE CLIPS**
[54] **ANNEAUX D'ANNULOPLASTIE AYANT DES AGRAFES DE SUTURE**
[72] MIRAKI, MANOUCHEHR A., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2017-01-16
[86] 2015-08-14 (PCT/US2015/045374)
[87] (WO2016/025894)
[30] US (62/037,918) 2014-08-15
[30] US (14/826,054) 2015-08-13

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[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/53 (2006.01) A61P 9/10 (2006.01) A61P 29/00 (2006.01) C07D 413/10 (2006.01)**
[25] EN
[54] **NOVEL CRYSTALLINE FORM OF 5-CHLORO-N-({(5S)-2-OXO-3-[4-(5,6-DIHYDRO-4H-[1,2,4]TRIAZIN-1-YL)PHENYL]-1,3-OXAZOLIDIN-5-YL}METHYL)THIOPHENE-2-CARBOXAMIDE METHANESULFONATE AND PHARMACEUTICAL COMPOSITION COMPRISING SAME**
[54] **NOUVELLE FORME CRISTALLINE DE METHANESULFONATE DE 5-CHLORO-N-({(5S)-2-OXO-3-[4-(5,6-DIHYDRO-4H-[1,2,4]TRIAZIN-1-YL)PHENYL]-1,3-OXAZOLIDIN-5-YL}METHYL)THIOPHENE-2-CARBOXAMIDE ET COMPOSITION PHARMACEUTIQUE LE CONTENANT**
[72] CHOI, SOONGYU, KR
[72] CHOI, JUNGSUB, KR
[72] YOON, SO-HYUN, KR
[72] KIM, YOO HOON, KR
[72] KIM, JAE YEON, KR
[72] LEE, SUK HO, KR
[72] CHO, YOUNG LAG, KR
[72] SONG, HO YOUNG, KR
[72] LEE, DAE YON, KR
[72] BAEK, SUNG YOON, KR
[72] CHAE, SANG EUN, KR
[72] PARK, TAE KYO, KR
[72] WOO, SUNG HO, KR
[72] KIM, YONG ZU, KR
[71] GREEN CROSS CORPORATION, KR
[71] LEGOCHEM BIOSCIENCES, INC., KR
[85] 2017-01-17
[86] 2014-07-18 (PCT/KR2014/006555)
[87] (WO2016/010178)

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[13] A1
[51] **Int.Cl. H05B 3/68 (2006.01) A47J 37/07 (2006.01) F24C 7/10 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE ELECTRIC GRILL, METHOD, AND HEAT RADIATING MODULE**
[54] **GRIL ELECTRIQUE HAUTE PERFORMANCE, PROCEDE, ET MODULE DE RAYONNEMENT DE CHALEUR**
[72] AHMED, MALLIK, US
[71] W.C. BRADLEY CO., US
[85] 2017-01-16
[86] 2015-08-11 (PCT/US2015/044647)
[87] (WO2016/028549)
[30] US (62/040,016) 2014-08-21

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[13] A1
[51] **Int.Cl. B63B 35/00 (2006.01) F03D 9/00 (2016.01)**
[25] EN
[54] **METHOD OF CONSTRUCTING AN OFFSHORE STRUCTURE, AND OFFSHORE STRUCTURE**
[54] **PROCEDE DE CONSTRUCTION D'UNE STRUCTURE EN MER ET STRUCTURE EN MER**
[72] NAKAMURA, TAKUJU, JP
[71] MODEC, INC., JP
[85] 2017-01-17
[86] 2014-09-25 (PCT/JP2014/075360)
[87] (WO2016/009572)
[30] JP (2014-146734) 2014-07-17

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[13] A1
[51] **Int.Cl. C06B 47/00 (2006.01)**
[25] EN
[54] **NOBLE GAS INFUSED EMULSION EXPLOSIVE**
[54] **EXPLOSIF EN EMULSION INFUSE DE GAZ NOBLE**
[72] SENULES, JEFFREY S., US
[71] SENULES, JEFFREY S., US
[85] 2017-01-17
[86] 2015-07-08 (PCT/US2015/039510)
[87] (WO2016/010783)
[30] US (62/026,074) 2014-07-18

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[13] A1
[51] **Int.Cl. G09B 5/06 (2006.01) G09B 19/00 (2006.01) G09B 19/06 (2006.01)**
[25] EN
[54] **LANGUAGE LEARNING SYSTEM UTILIZING COMPONENT UNIT, MORE SEGMENTED THAN PHOENEME, OR VARIOUS GAMES**
[54] **SYSTEME D'APPRENTISSAGE DE LANGUE UTILISANT UNE UNITE CONSTITUTIVE PLUS SEGMENTEE QUE LE PHONEME OU DIVERS JEUX**
[72] KIM, SUNG-KWANG, KR
[71] KIM, SUNG-KWANG, KR
[85] 2017-01-17
[86] 2015-07-09 (PCT/KR2015/007154)
[87] (WO2016/010306)
[30] KR (10-2014-0091033) 2014-07-18
[30] KR (10-2014-0108845) 2014-08-21

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[13] A1
[51] **Int.Cl. A61F 2/66 (2006.01)**
[25] EN
[54] **A PROSTHESIS OR ORTHOSIS COMPRISING A HINGE JOINT SYSTEM FOR FUNCTIONALLY ASSISTING, ENHANCING AND/OR REPLACING A HINGE JOINT OF A HUMAN OR ANIMAL SUBJECT**
[54] **PROTHESE OU ORTHESE COMPRENANT UN SYSTEME DE GINGLYME POUR L'ASSISTANCE, L'AMELIORATION ET/OU LE REMPLACEMENT FONCTIONNEL(LE) D'UN GINGLYME D'UN SUJET HUMAIN OU ANIMAL**
[72] LEFEBER, DIRK, BE
[72] CHERELLE, PIERRE, BE
[71] VRIJE UNIVERSITEIT BRUSSEL, BE
[85] 2017-01-17
[86] 2015-07-08 (PCT/IB2015/055168)
[87] (WO2016/009308)
[30] US (62/026,202) 2014-07-18

[21] **2,955,406**
[13] A1
[51] **Int.Cl. C08F 8/36 (2006.01) A61K 9/00 (2006.01) A61K 31/795 (2006.01) A61P 31/14 (2006.01) A61P 31/16 (2006.01) C08F 8/44 (2006.01) C08F 126/02 (2006.01) C08F 8/00 (2006.01)**
[25] EN
[54] **ANIONICALLY MODIFIED POLYALLYLAMINE DERIVATIVE, USE OF ANIONICALLY MODIFIED POLYALLYLAMINE DERIVATIVE AS MEDICINE, PARTICULARLY FOR PROPYLAXIS AND TREATMENT OF INFECTIONS OF RESPIRATORY TRACT CAUSED BY HUMAN METAPNEUMOVIRUS (HMPV), HUMAN RHINOVIRUSES (HRV), AND INFECTION BY INFLUENZA VIRUS TYPE A (IAV) AND PHARMACEUTICAL COMPOSITION COMPRISING THE...**
[54] **DERIVE POLYALLYLAMINE MODIFIE DE MANIERE ANIONIQUE, UTILISATION DUDIT DERIVE POLYALLYLAMINE MODIFIE DE MANIERE ANIONIQUE EN TANT QUE MEDICAMENT, EN PARTICULIER POUR LA PROPHYLAXIEET LE TRAITEMENT D'INFECTIONS DES VOIES RESPIRATOIRES PROVOQUEES PAR LE METAPNEUMOVIRUS HUMAIN (HMPV), DES RHINOVIRUS HUMAINS (HRV), ET D'UNE INFECTION PAR UN VIRUS DE LA GRIPPE...**
[72] NOWAKOWSKA, MARIA, PL
[72] SZCZUBIALKA, KRZYSZTOF, PL
[72] PYRC, KRZYSZTOF, PL
[72] CIEJKA, JUSTYNA, PL
[72] WYTRWAL, MAGDALENA, PL
[72] MILEWSKA, ALEKSANDRA, PL
[71] UNIWERSYTET JAGIELLONSKI, PL
[85] 2017-01-17
[86] 2015-07-29 (PCT/IB2015/055727)
[87] (WO2016/016820)
[30] PL (PL409015) 2014-07-29
[30] PL (PL409016) 2014-07-29
[30] PL (PL413055) 2015-07-08

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[13] A1
[51] **Int.Cl. F25B 25/02 (2006.01) F25B 15/06 (2006.01)**
[25] EN
[54] **MULTI STAGE VAPOR COMPRESSION FOR HIGH EFFICIENCY POWER PRODUCTION AND HEAT PUMP**
[54] **COMPRESSION DE VAPEUR A ETAGES MULTIPLES POUR PRODUCTION D'ENERGIE A HAUT RENDEMENT ET POMPE A CHALEUR**
[72] STYLIARAS, VASILEIOS, GR
[71] STYLIARAS, VASILEIOS, GR
[85] 2017-01-17
[86] 2015-07-29 (PCT/GR2015/000038)
[87] (WO2016/016669)
[30] GR (20140100409) 2014-07-30
[30] GR (20150100217) 2015-05-14

[21] **2,955,408**
[13] A1
[51] **Int.Cl. C07C 51/353 (2006.01) C07C 65/105 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS COMPRISING SALICYLATES AND POLYSALICYLATES**
[54] **COMPOSITIONS ET PROCEDES COMPRENANT DES SALICYLATES ET DES POLYSALICYLATES**
[72] CECCOLI, JOSEPH D., US
[72] INGRASSIA, MICHAEL L., US
[72] JUDD, CHRISTOPHER M., US
[72] COSTELLO, BRIAN R., US
[71] BIOCOGENT, LLC, US
[71] CECCOLI, JOSEPH D., US
[71] INGRASSIA, MICHAEL L., US
[71] JUDD, CHRISTOPHER M., US
[71] COSTELLO, BRIAN R., US
[85] 2017-01-17
[86] 2015-07-17 (PCT/US2015/040854)
[87] (WO2016/011319)
[30] US (62/026,154) 2014-07-18

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 3/10 (2006.01) A61P 21/00 (2006.01) C07K 14/47 (2006.01) C07K 14/575 (2006.01)**
[25] EN
[54] **A METHOD FOR MODULATING INSULIN-INDEPENDENT GLUCOSE TRANSPORT USING TENEURIN C-TERMINAL ASSOCIATED PEPTIDE (TCAP)**
[54] **PROCEDE POUR MODULER LE TRANSPORT DU GLUCOSE INSULINO-INDEPENDANT A L'AIDE DE PEPTIDES ASSOCIES AU DOMAINE C-TERMINAL DE TENEURINES (TCAP)**
[72] LOVEJOY, DAVID, CA
[72] CHEN, YANI, CA
[71] LOVEJOY, DAVID, CA
[71] CHEN, YANI, CA
[85] 2017-01-17
[86] 2015-07-21 (PCT/CA2015/000437)
[87] (WO2016/008034)
[30] US (62/026,346) 2014-07-18

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) A61P 35/02 (2006.01) A61P 35/04 (2006.01) C12N 15/18 (2006.01) C12N 15/62 (2006.01) C12Q 1/66 (2006.01)**
[25] EN
[54] **METHODS FOR DETERMINING DRUG RESPONSE OF PATIENT SPECIFIC MUTATIONS**
[54] **PROCEDES DE DETERMINATION D'UNE REPONSE A UN MEDICAMENT DE MUTATIONS SPECIFIQUES A UN PATIENT**
[72] TARCIC, GABI, IL
[72] ALTSCHULER, YORAM, IL
[71] NOVELLUSDX LTD., IL
[85] 2017-01-17
[86] 2015-07-20 (PCT/IL2015/050746)
[87] (WO2016/013007)
[30] US (62/026,715) 2014-07-21

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[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) C12Q 1/68 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DETERMINING ONCOGENIC INDEX OF PATIENT SPECIFIC MUTATIONS**
[54] **PROCEDES ET SYSTEMES POUR DETERMINER UN INDICE ONCOGENIQUE DE MUTATIONS SPECIFIQUES D'UN PATIENT**
[72] TARCIC, GABI, IL
[72] ALTSCHULER, YORAM, IL
[72] VIDNE, MICHAEL, IL
[71] NOVELLUSDX LTD., IL
[85] 2017-01-17
[86] 2015-07-20 (PCT/IL2015/050747)
[87] (WO2016/013008)
[30] US (62/026,716) 2014-07-21

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[13] A1
[51] **Int.Cl. C07D 491/052 (2006.01) A61K 31/4162 (2006.01) A61P 15/08 (2006.01)**
[25] EN
[54] **PYRAZOLE COMPOUNDS AS MODULATORS OF FSHR AND USES THEREOF**
[54] **COMPOSES DE PYRAZOLE UTILISES EN TANT QUE MODULATEURS DE FSHR ET LEURS UTILISATIONS**
[72] YU, HENRY, US
[72] QI, CHANGHE, CN
[72] TEMPEST, PAUL, CN
[72] NATARAJA, SELVARAJ G., US
[72] PALMER, STEPHEN S., US
[71] TOCOPHERX, INC., US
[85] 2017-01-17
[86] 2014-12-22 (PCT/CN2014/094459)
[87] (WO2015/196759)
[30] CN (PCT/CN2014/080519) 2014-06-23

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[13] A1
[51] **Int.Cl. G01S 17/66 (2006.01) F41G 3/14 (2006.01) F41G 7/22 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ANALYZING QUALITY CRITERIA OF A RADIATION SPOT**
[54] **SYSTEME ET PROCEDE D'ANALYSE DE CRITERES DE QUALITE D'UN POINT DE RAYONNEMENT**
[72] PEER, IDIT, IL
[71] ELBIT SYSTEMS ELECTRO-OPTICS ELOP LTD., IL
[85] 2017-01-17
[86] 2015-07-19 (PCT/IL2015/050740)
[87] (WO2016/009440)

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[13] A1
[51] **Int.Cl. H02G 15/105 (2006.01) G01R 31/08 (2006.01) G01R 31/12 (2006.01)**
[25] EN
[54] **ELECTRICAL CABLE LINK APPARATUS AND ELECTRICAL CABLE SYSTEM COMPRISING THE APPARATUS**
[54] **APPAREIL DE LIAISON DE CABLES ELECTRIQUES ET SYSTEME DE CABLES ELECTRIQUES COMPORTANT L'APPAREIL**
[72] DE RAI, LUCA GIORGIO MARIA, IT
[72] CANDELA, ROBERTO, IT
[72] DI STEFANO, ANTONIO, IT
[71] PRYSMIAN S.P.A., IT
[85] 2017-01-17
[86] 2014-07-18 (PCT/EP2014/065518)
[87] (WO2016/008542)

[21] **2,955,419**
[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01) E02F 3/36 (2006.01)**
[25] EN
[54] **WEAR MEMBER ATTACHMENT SYSTEM FOR EXCAVATION IMPLEMENT**
[54] **SYSTEME DE FIXATION D'ELEMENT D'USURE POUR OUTIL D'EXCAVATION**
[72] RUVANG, JOHN A., CA
[71] BLACK CAT BLADES LTD., CA
[85] 2017-01-17
[86] 2015-06-05 (PCT/US2015/034477)
[87] (WO2016/195712)

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[13] A1
[51] **Int.Cl. C12Q 1/37 (2006.01) G01N 21/78 (2006.01) G01N 33/52 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **PREPARATION OF STABILIZER-FREE GOLD SOLS AND THEIR CONFIGURATION INTO A GELATIN-COATED PROTEASE-INDICATING HOMOGENEOUS (ONE STEP) ASSAY**
[54] **PREPARATION DE SOLS D'OR EXEMPTS DE STABILISATEUR ET LEUR CONFIGURATION EN UN DOSAGE HOMOGENE (EN UNE ETAPE) INDICATEUR DE PROTEASE REVETU DE GELATINE**
[72] KERSCHENSTEINER, DANIEL A., US
[72] HAYRE, PAUL N., US
[71] KERSCHENSTEINER, DANIEL A., US
[71] HAYRE, PAUL N., US
[85] 2017-01-17
[86] 2015-07-17 (PCT/US2015/040859)
[87] (WO2016/011323)
[30] US (61/999,088) 2014-07-17
[30] US (62/177,037) 2015-03-06
[30] US (62/178,475) 2015-04-13

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[13] A1
[51] **Int.Cl. C07D 493/04 (2006.01)**
[25] EN
[54] **METHOD FOR THE SYNTHESIS OF PRIMARY ISOHEXIDE AMINES**
[54] **PROCEDE DE PREPARATION D'AMINES D'ISOHEXIDE PRIMAIRES**
[72] ROSE, MARCUS, DE
[72] PALKOVITS, REGINA, DE
[72] PFUTZENREUTER, REBECCA, DE
[72] HAJI BEGLI, ALIREZA, DE
[72] KRONER, CHRISTINE, DE
[71] RHEINISCH-WESTFALISCHE TECHNISCHE HOCHSCHLULE (RWTH) AACHEN, DE
[85] 2017-01-17
[86] 2014-07-18 (PCT/EP2014/065556)
[87] (WO2016/008547)

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[13] A1
[51] **Int.Cl. A61K 31/7004 (2006.01) A61K 38/55 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **ACTIVATION OF THE ENDOGENOUS ILEAL BRAKE HORMONE PATHWAY FOR ORGAN REGENERATION AND RELATED COMPOSITIONS, METHODS OF TREATMENT, DIAGNOSTICS, AND REGULATORY SYSTEMS**
[54] **ACTIVATION DE LA VOIE ENDOGENE DES HORMONES CONTROLANT LE FREIN ILEAL POUR LA REGENERATION DES ORGANES, AINSI QUE COMPOSITIONS, METHODES DE TRAITEMENT, OUTILS DIAGNOSTIQUES ET SYSTEMES DE REGULATION ASSOCIES**
[72] SCHENTAG, JEROME, US
[72] FAYAD, JOSEPH M., US
[71] SCHENTAG, JEROME, US
[71] FAYAD, JOSEPH M., US
[85] 2017-01-17
[86] 2015-07-17 (PCT/US2015/040879)
[87] (WO2016/011335)
[30] US (62/025,714) 2014-07-17

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[13] A1
[51] **Int.Cl. H04S 7/00 (2006.01)**
[25] EN
[54] **AN APPARATUS AND A METHOD FOR MANIPULATING AN INPUT AUDIO SIGNAL**
[54] **APPAREIL ET PROCEDE POUR MANIPULER UN SIGNAL AUDIO D'ENTREE**
[72] FALLER, CHRISTOF, CH
[72] FAVROT, ALEXIS, CH
[72] PANG, LIYUN, DE
[72] GROSCHE, PETER, DE
[72] LANG, YUE, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-01-17
[86] 2014-07-22 (PCT/EP2014/065728)
[87] (WO2016/012037)

[21] **2,955,432**
[13] A1
[51] **Int.Cl. A61K 39/02 (2006.01) A61K 35/74 (2015.01) A61K 39/12 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **LISTERIA-BASED IMMUNOGENIC COMPOSITIONS FOR ELICITING ANTI-TUMOR RESPONSES**
[54] **COMPOSITIONS IMMUNOGENES A BASE DE LISTERIA POUR PROVOQUER DES REPONSES ANTI-TUMORALES**
[72] PETIT, ROBERT, US
[72] WALLECHA, ANU, US
[72] KHLEIF, SAMIR, US
[72] CHEN, ZHISONG, US
[72] BERZOFSKY, JAY A., US
[71] ADVAXIS, INC., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2017-01-17
[86] 2015-07-17 (PCT/US2015/040922)
[87] (WO2016/011362)
[30] US (62/026,221) 2014-07-18

[21] **2,955,434**
[13] A1
[51] **Int.Cl. A47J 36/26 (2006.01)**
[25] EN
[54] **CONTAINER AGITATOR AND WARMER**
[54] **AGITATEUR ET RECHAUFFEUR DE CONTENANT**
[72] DUNN, STEVEN BRYAN, US
[72] KHACHIKIAN, NAIRI, US
[72] JOHNSON, KEVIN D., US
[71] MUNCHKIN, INC., US
[85] 2017-01-17
[86] 2015-07-17 (PCT/US2015/040955)
[87] (WO2016/011382)
[30] US (62/025,972) 2014-07-17
[30] US (14/797,965) 2015-07-13

[21] **2,955,438**
[13] A1
[51] **Int.Cl. A61K 31/721 (2006.01) A61K 49/00 (2006.01) A61K 51/04 (2006.01) C08B 37/02 (2006.01)**
[25] EN
[54] **COMPOUNDS AND COMPOSITIONS FOR TARGETING MACROPHAGES AND OTHER MANNOSE-BINDING C-TYPE LECTIN RECEPTOR HIGH EXPRESSING CELLS AND METHODS OF TREATING AND DIAGNOSIS USING SAME**
[54] **COMPOSES ET COMPOSITIONS POUR CIBLER DES MACROPHAGES ET D'AUTRES CELLULES EXPRIMANT, AVEC UN FORT NIVEAU D'EXPRESSION, LES RECEPTEURS LECTINES DE TYPE C LIANT LE MANNOSE, AINSI QUE METHODES DE TRAITEMENT ET DE DIAGNOSTIC FAISANT APPEL A CEUX-CI**
[72] SCHLESINGER, LARRY, US
[72] BACHELDER, ERIC, US
[72] COPE, FRED, US
[72] JARJOUR, WAEL N., US
[71] OHIO STATE INNOVATION FOUNDATION, US
[71] NAVIDEA BIOPHARMACEUTICALS INC., US
[71] SCHLESINGER, LARRY, US
[71] BACHELDER, ERIC, US
[71] COPE, FRED, US
[71] JARJOUR, WAEL N., US
[85] 2017-01-17
[86] 2015-07-17 (PCT/US2015/041009)
[87] (WO2016/011415)
[30] US (62/025,991) 2014-07-17
[30] US (62/027,193) 2014-07-21
[30] US (62/027,220) 2014-07-21
[30] US (62/027,733) 2014-07-22
[30] US (62/106,194) 2015-01-21
[30] US (62/187,132) 2015-06-30
[30] US (62/187,064) 2015-06-30

[21] **2,955,441**
[13] A1
[51] **Int.Cl. A61K 31/721 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR TARGETING MACROPHAGES AND OTHER CD206 HIGH EXPRESSING CELLS AND METHODS OF TREATING AND DIAGNOSIS**
[54] **COMPOSITIONS POUR LE CIBLAGE DE MACROPHAGES ET AUTRES CELLULES A EXPRESSION ELEVEE DE CD206 ET METHODES DE TRAITEMENT ET DE DIAGNOSTIC**
[72] SCHLESINGER, LARRY, US
[72] BACHELDER, ERIC, US
[72] COPE, FRED, US
[71] OHIO STATE INNOVATION FOUNDATION, US
[71] NAVIDEA BIOPHARMACEUTICALS INC., US
[71] SCHLESINGER, LARRY, US
[71] BACHELDER, ERIC, US
[71] COPE, FRED, US
[85] 2017-01-17
[86] 2015-07-17 (PCT/US2015/041019)
[87] (WO2016/011419)
[30] US (62/025,991) 2014-07-17
[30] US (62/027,193) 2014-07-21
[30] US (62/027,220) 2014-07-21
[30] US (62/027,733) 2014-07-22

[21] **2,955,443**
[13] A1
[51] **Int.Cl. B60C 1/00 (2006.01)**
[25] EN
[54] **PROCESS AND COMPOSITION FOR WELL-DISPERSED, HIGHLY LOADED COLOR MASTERBATCH**
[54] **PROCEDE ET COMPOSITION POUR MELANGE MAITRE DE COULEURS HAUTEMENT CHARGE ET BIEN DISPERSE**
[72] HARRIS, RONALD M., US
[72] SMINK, JEFFREY S., US
[71] CAROLINA COLOR CORPORATION, US
[85] 2017-01-17
[86] 2015-07-09 (PCT/US2015/039716)
[87] (WO2016/010815)
[30] US (14/334,710) 2014-07-18

[21] **2,955,444**
[13] A1
[51] **Int.Cl. G06F 9/50 (2006.01)**
[25] EN
[54] **OPTIMIZING COMPUTER HARDWARE RESOURCE UTILIZATION WHEN PROCESSING VARIABLE PRECISION DATA**
[54] **OPTIMISATION D'UTILISATION DE RESSOURCES MATERIELLES INFORMATIQUES LORS D'UN TRAITEMENT DE DONNEES DE PRECISION VARIABLE**
[72] CALLEGARI, ANDRES C., US
[72] SHI, GENBAO, US
[72] DUNN, MICHAEL, US
[72] LYNCH, JOE, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-01-17
[86] 2014-08-20 (PCT/US2014/051923)
[87] (WO2016/028293)

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 38/19 (2006.01)**
[25] EN
[54] **MANUFACTURING OF MULTI-DOSE INJECTION READY DENDRITIC CELL VACCINES AND COMBINATION THERAPY FOR BLOCKING HER2 AND HER3**
[54] **FABRICATION DE VACCINS A BASE DE CELLULES DENDRITIQUES MULTI-DOSES PRETS A ETRE INJECTES, ET POLYTHERAPIE POUR BLOQUER HER2 ET HER3**
[72] CZERNIECKI, BRIAN J., US
[72] KOSKI, GARY K., US
[71] CZERNIECKI, BRIAN J., US
[85] 2017-01-17
[86] 2015-07-17 (PCT/US2015/041022)
[87] (WO2016/011422)
[30] US (62/025,673) 2014-07-17
[30] US (62/025,685) 2014-07-17
[30] US (62/029,774) 2014-07-28
[30] US (62/165,445) 2015-05-22

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[13] A1
[51] **Int.Cl. G06F 7/04 (2006.01)**
[25] EN
[54] **USING TIMING OF CHARACTER INPUT TO VERIFY PASSWORD**
[54] **UTILISATION D'UNE TEMPORISATION DE SAISIE DE CARACTERES EN VUE DE VERIFIER UN MOT DE PASSE**
[72] BROWN, ROLAND R., US
[71] BROWN, ROLAND R., US
[85] 2017-01-17
[86] 2015-07-16 (PCT/US2015/040799)
[87] (WO2016/014343)
[30] US (62/026,624) 2014-07-19
[30] US (62/089,137) 2014-12-08

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[13] A1
[51] **Int.Cl. A61L 9/04 (2006.01)**
[25] EN
[54] **FRAGRANCE DISPENSER FOR AIR FILTER**
[54] **DISTRIBUTEUR DE PARFUM POUR FILTRE A AIR**
[72] SESHADRI, KANNAN, US
[72] SHARMA, NEERAJ, US
[72] PATTERSON, LEBRON K., US
[72] IMSANDE, JEFFREY M., US
[72] ECHEVERRI, NICOLAS A., US
[72] CHATTERJEE, JOON, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-01-17
[86] 2015-07-14 (PCT/US2015/040388)
[87] (WO2016/011038)
[30] US (62/026,112) 2014-07-18

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[13] A1
[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **POINT OF SALE SYSTEM WITH SECURE AND UNSECURE MODES**
[54] **SYSTEME DE POINT DE VENTE AYANT DES MODES SECURISE ET NON SECURISE**
[72] REZAYEE, AFSHIN, US
[72] SMITH, MALCOLM R., US
[72] VADERA, KSHITIZ, US
[72] WAI NG, KEVIN KA, US
[72] YAN, HAIPENG, US
[71] SQUARE, INC., US
[85] 2017-01-17
[86] 2015-07-16 (PCT/US2015/040819)
[87] (WO2016/014346)
[30] US (62/027,855) 2014-07-23
[30] US (14/752,698) 2015-06-26

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) C12N 5/0784 (2010.01) C07K 14/16 (2006.01) C07K 14/71 (2006.01)**
[25] EN
[54] **IDENTIFICATION OF IMMUNOGENIC MHC CLASS II PEPTIDES FOR IMMUNE-BASED THERAPY**
[54] **IDENTIFICATION DE PEPTIDES IMMUNOGENES DE CLASSE II DU COMPLEXE MAJEUR D'HISTOCOMPATIBILITE POUR UNE IMMUNOTHERAPIE**
[72] CZERNIECKI, BRIAN J., US
[72] KOSKI, GARY K., US
[71] CZERNIECKI, BRIAN J., US
[85] 2017-01-17
[86] 2015-07-17 (PCT/US2015/041034)
[87] (WO2016/011432)
[30] US (62/025,681) 2014-07-17
[30] US (62/076,789) 2014-11-07

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[13] A1
[51] **Int.Cl. G06F 21/57 (2013.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR DETECTING VULNERABILITIES IN ELECTRONIC DEVICES**
[54] **SYSTEME, PROCEDE ET APPAREIL DE DETECTION DE VULNERABILITES DANS DES DISPOSITIFS ELECTRONIQUES**
[72] VORONA, YARON, CA
[72] THANOS, DANIEL, CA
[72] SHAI, OFER, CA
[72] RICHARDS, JEREMY BOYD, CA
[72] KRUEGER, RICHARD, US
[71] IOTA SECURITY INC., CA
[85] 2017-01-16
[86] 2015-07-14 (PCT/IB2015/055326)
[87] (WO2016/009356)
[30] US (62/024,064) 2014-07-14

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[13] A1
[51] **Int.Cl. B25J 9/06 (2006.01) B25J 9/16 (2006.01) B25J 18/00 (2006.01)**
[25] EN
[54] **AUTONOMOUS MOBILE BIN STORAGE AND RETRIEVAL SYSTEM**
[54] **STOCKAGE COMPARTIMENTE MOBILE AUTONOME ET SYSTEME DE RECUPERATION**
[72] GALLUZZO, THOMAS, US
[72] ALTMAN, VLADIMIR, US
[72] HOUGHTON, RICKY, US
[71] IAM ROBOTICS, LLC, US
[85] 2017-01-17
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[54] **PHARMACEUTICAL ABUSE DETERRENT COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE ANTI-ABUS**
[72] PATEL, JAYENDRAKUMAR DASHARATHLAL, IN
[72] PATEL, SHWETABEN DASHARATHLAL, IN
[71] PATEL, JAYENDRAKUMAR DASHARATHLAL, IN
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[30] IN (3095/MUM/2014) 2014-09-27

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[51] **Int.Cl. A01N 53/00 (2006.01)**
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[54] **ANTHRANILAMIDE SEED TREATMENT COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE TRAITEMENT DE SEMENCES A BASE D'ANTHRANILAMIDE ET PROCEDES D'UTILISATION**
[72] TOAPANTA, MARCO, US
[72] O'BRYAN, KEITH, US
[72] TREURNIET, MARC, US
[72] RUPERT, MICHAEL, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2017-01-17
[86] 2015-07-29 (PCT/US2015/042651)
[87] (WO2016/019013)
[30] US (62/031,525) 2014-07-31

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[51] **Int.Cl. B23K 11/06 (2006.01) B23K 11/24 (2006.01)**
[25] EN
[54] **SEAM-WELDING METHOD AND DEVICE THEREFOR**
[54] **PROCEDE DE SOUDAGE A LA MOLETTE ET DISPOSITIF A CET EFFET**
[72] KANEKO MITSUGU, JP
[72] KAWAI YASUHIRO, JP
[72] KOBAYASHI HARUHIKO, JP
[72] TANIHIRA YUKI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2017-01-16
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[54] **COLLAGEN IV REPLACEMENT**
[54] **REMPLACEMENT DE COLLAGENE IV**
[72] HODGES, BRADLEY LOWELL, US
[72] BARNES, THOMAS MICHAEL, US
[72] REILLY, PHILIP RAYMOND, US
[72] KOWTONIUK, WALTER EUGENE, US
[71] GOLDFINCH BIOPHARMA, INC., US
[85] 2017-01-17
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[30] US (62/029,135) 2014-07-25
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[54] **VEHICLE ANTENNA DEVICE**
[54] **DISPOSITIF D'ANTENNE MONTE SUR VEHICULE**
[72] OHNO, SADAO, JP
[72] OSAWA, KENGO, JP
[71] YOKOWO CO., LTD., JP
[85] 2017-01-16
[86] 2015-04-10 (PCT/JP2015/061236)
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[30] JP (2014-148300) 2014-07-18

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[51] **Int.Cl. B65D 5/02 (2006.01)**
[25] EN
[54] **SNACK FOOD CONTAINER**
[54] **RECIPIENT ALIMENTAIRE POUR COLLATION**
[72] EDWARDS, EDUARD, US
[72] LESTAGE, DAVID, US
[72] TYNER, STEPHEN, US
[72] WINDLEY, PATRICK RYAN, US
[71] FRITO-LAY NORTH AMERICA, INC., US
[85] 2017-01-17
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[25] EN
[54] **CRYSTAL OF AZOLE BENZENE DERIVATIVE**
[54] **CRISTAL DE DERIVE DE BENZENE ET D'AZOLE**
[72] KAWANA, ASAHI, JP
[72] MIYAZAWA, YUKI, JP
[71] TEIJIN PHARMA LIMITED, JP
[85] 2017-01-16
[86] 2015-07-29 (PCT/JP2015/071512)
[87] (WO2016/017696)
[30] JP (2014-155031) 2014-07-30

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[51] **Int.Cl. H04N 21/435 (2011.01) H04N 21/438 (2011.01)**
[25] EN
[54] **RECEIVING DEVICE, RECEIVING METHOD, TRANSMISSION DEVICE, AND TRANSMISSION METHOD**
[54] **DISPOSITIF DE RECEPTION, PROCEDE DE RECEPTION, DISPOSITIF D'EMISSION, ET PROCEDE D'EMISSION**
[72] KITAZATO, NAOHISA, JP
[72] YAMAGISHI, YASUAKI, JP
[72] DEWA, YOSHIHARU, JP
[72] KITAHARA, JUN, JP
[71] SONY CORPORATION, JP
[85] 2017-01-16
[86] 2015-08-24 (PCT/JP2015/073654)
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[25] EN
[54] **HIGH DOSAGE STRENGTH TABLETS OF RUCAPARIB**
[54] **COMPRIMES DE RUCAPARIB A DOSAGE ELEVE**
[72] ETTER, JEFFREY, US
[71] CLOVIS ONCOLOGY, INC., US
[85] 2017-01-17
[86] 2015-08-17 (PCT/US2015/045522)
[87] (WO2016/028689)
[30] US (62/040,849) 2014-08-22
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[25] EN
[54] **USE OF IRON OXIDE NANOPARTICLE IN INHIBITING SPORE GERMINATION OF CLOSTRIDIUM DIFFICILE**
[54] **UTILISATION DE NANOPARTICULES D'OXYDE DE FER POUR L'INHIBITION DE LA GERMINATION DES SPORES DE CLOSTRIDIUM DIFFICILE**
[72] SHIEH, DAR-BIN, CN
[72] TSAI, PEI-JANE, CN
[72] LEE, WEI-TING, CN
[72] LI, TSUNG-JU, CN
[72] YEH, CHEN-SHENG, CN
[72] WU, SHANG-RUNG, CN
[71] SHIEH, DAR-BIN, CN
[85] 2017-01-17
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[25] EN
[54] **DETECTING USER-DRIVEN OPERATING STATES OF ELECTRONIC DEVICES FROM A SINGLE SENSING POINT**
[54] **DETECTION D'ETATS OPERATIONNELS COMMANDES PAR L'UTILISATEUR DE DISPOSITIFS ELECTRONIQUES A PARTIR D'UN POINT DE DETECTION UNIQUE**
[72] CHEN, KE-YU, US
[72] PATEL, SHWETAK N., US
[72] GUPTA, SIDHANT, US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2017-01-17
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[30] US (62/046,037) 2014-09-04
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[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING TARGETED SOCIAL COMMUNICATIONS**
[54] **SYSTEME ET PROCEDE DE GESTION DE COMMUNICATIONS SOCIALES CIBLEES**
[72] HUEHN, JOHN THOMAS, CA
[72] KHAN, OMAR ZIA, US
[71] IN THE CHAT COMMUNICATIONS INC., CA
[85] 2017-01-18
[86] 2014-07-25 (PCT/CA2014/000583)
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[25] EN
[54] **SYSTEM AND METHOD FOR ULTRA WIDEBAND RADIO FREQUENCY SCANNING AND SIGNAL GENERATION**
[54] **SYSTEME ET PROCEDE DE BALAYAGE DE FREQUENCES RADIO EN BANDE ULTRA LARGE ET DE GENERATION DE SIGNAUX**
[72] YENSEN, TREVOR NOEL, CA
[72] CORKERY, TRAVIS PATRICK, CA
[72] MCQUINN, DAVID ARTHUR, CA
[71] ALLEN-VANGUARD CORPORATION, CA
[85] 2017-01-18
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[51] **Int.Cl. B42D 25/351 (2014.01) B42D 25/337 (2014.01) B42D 25/41 (2014.01)**
[25] EN
[54] **SECURITY DOCUMENT HAVING A PROTECTED WINDOW AND METHOD FOR MAKING THE SAME**
[54] **DOCUMENT DE SECURITE AYANT UNE FENETRE PROTEGEE, ET SON PROCEDE DE FABRICATION**
[72] THURAILINGAM, THIVAHARAN, CA
[71] CANADIAN BANK NOTE COMPANY, LIMITED, CA
[85] 2017-01-18
[86] 2014-07-30 (PCT/CA2014/050719)
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[13] A1
[51] **Int.Cl. A47C 27/14 (2006.01) A47C 27/15 (2006.01) B68G 5/02 (2006.01)**
[25] EN
[54] **FOAM MATTRESS, FOAM TOPPER AND METHOD OF USING THE SAME**
[54] **MATELAS EN MOUSSE, SUR-MATELAS EN MOUSSE ET PROCEDE D'UTILISATION**
[72] TORBET, PHILIP ALAN, US
[71] PERFECT PRESSURE INC., CA
[85] 2017-01-18
[86] 2015-07-28 (PCT/CA2015/050713)
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[30] US (61/999,903) 2014-08-11

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **ANTI-PD-1 ANTIBODY AND USE THEREOF**
[54] **ANTICORPS ANTI-PD-1 ET SON UTILISATION**
[72] LIU, JIE, CN
[71] LIVZON MABPHARM INC., CN
[85] 2017-01-17
[86] 2015-08-28 (PCT/CN2015/088384)
[87] (WO2016/015685)
[30] CN (201410369300.7) 2014-07-30

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[51] **Int.Cl. C07F 7/08 (2006.01) C07D 209/04 (2006.01) C07D 333/50 (2006.01) C07D 333/76 (2006.01) C07D 471/04 (2006.01) C07F 7/02 (2006.01)**
[25] EN
[54] **SILYLATION OF AROMATIC HETEROCYCLES BY EARTH ABUNDANT TRANSITION-METAL-FREE CATALYSTS**
[54] **SILYLATION D'HETEROCYCLES AROMATIQUES PAR DES CATALYSEURS ABONDANTS SUR TERRE, EXEMPTS DE METAUX DE TRANSITION**
[72] STOLTZ, BRIAN M., US
[72] GRUBBS, ROBERT H., US
[72] FEDOROV, ALEXEY, CH
[72] TOUTOV, ANTON, US
[72] LIU, WENBO, US
[72] BETZ, KERRY, US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[85] 2017-01-17
[86] 2015-08-05 (PCT/US2015/043708)
[87] (WO2016/022624)
[30] US (62/033,975) 2014-08-06
[30] US (62/094,381) 2014-12-19
[30] US (62/141,905) 2015-04-02

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[25] EN
[54] **CRYSTALLINE FREE BASES OF C-MET INHIBITOR OR CRYSTALLINE ACID SALTS THEREOF, AND PREPARATION METHODS AND USES THEREOF**
[54] **BASES CRISTALLINES LIBRES D'UN INHIBITEUR DU C-MET OU SELS ACIDES CRISTALLINS ASSOCIES, ET PROCEDES DE PREPARATION ET UTILISATIONS ASSOCIES**
[72] LI, XIANG, CN
[72] LV, AIFENG, CN
[71] JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2017-01-18
[86] 2015-07-30 (PCT/CN2015/085514)
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[13] A1
[51] **Int.Cl. G01N 23/222 (2006.01) G01V 5/00 (2006.01)**
[25] EN
[54] **HIGH EFFICIENCY NEUTRON CAPTURE PRODUCT PRODUCTION**
[54] **PRODUCTION DE PRODUITS DE CAPTURE DE NEUTRONS A EFFICACITE ELEVEE**
[72] BALDASARO, NICHOLAS GUY, US
[71] RESEARCH TRIANGLE INSTITUTE, US
[85] 2017-01-17
[86] 2015-08-06 (PCT/US2015/044085)
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[30] US (62/033,691) 2014-08-06

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[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **PROVISIONAL PROSTHETIC SYSTEMS AND METHODS OF USING SAME**
[54] **SYSTEMES PROTHETIQUES PROVISOIRES ET LEURS PROCEDES D'UTILISATION**
[72] BERNHARD, NICOLAI, CH
[72] CARRETTA, ROBERTO, CH
[72] HAUS, ADRIAN, CH
[72] HOLST, STEFAN, DE
[72] HURSON, STEVEN M., US
[72] PERSON, MAGNUS, CH
[72] WEITZEL, JORG, DE
[71] NOBEL BIOCARE SERVICES AG, CH
[85] 2017-01-18
[86] 2015-07-24 (PCT/EP2015/066970)
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[30] US (62/029,289) 2014-07-25

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[51] **Int.Cl. C07D 401/10 (2006.01) A61K 31/4725 (2006.01) A61P 1/10 (2006.01) A61P 43/00 (2006.01) C07D 401/14 (2006.01) C07D 403/14 (2006.01) C07D 405/10 (2006.01) C07D 413/10 (2006.01) C07D 413/14 (2006.01) C07D 417/10 (2006.01)**
[25] EN
[54] **PHENYL TETRAHYDROISOQUINOLINE COMPOUND SUBSTITUTED WITH HETEROARYL**
[54] **COMPOSE PHENYL TETRAHYDROISOQUINOLEINE SUBSTITUE PAR UN HETEROARYLE**
[72] KURODA, SHOICHI, JP
[72] KAWABE, KENICHI, JP
[72] USHIKI, YASUNOBU, JP
[72] OHTA, HIROSHI, JP
[72] UNEUCHI, FUMITO, JP
[72] SHIBATA, TSUYOSHI, JP
[72] TABUSE, HIDEAKI, JP
[72] MUNETOMO, EIJI, JP
[72] CHONAN, SUMI, JP
[71] TAISHO PHARMACEUTICAL CO., LTD., JP
[85] 2017-01-18
[86] 2015-07-24 (PCT/JP2015/071111)
[87] (WO2016/013657)
[30] JP (2014-151726) 2014-07-25
[30] JP (2015-051289) 2015-03-13

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[13] A1
[51] **Int.Cl. A61K 31/138 (2006.01) A61K 31/46 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS AND METHODS FOR THE TREATMENT OF SYMPTOMS OF PANIC AND ANXIETY USING BETA ADRENERGIC RECEPTOR ANTAGONIST AND MUSCARINIC RECEPTOR ANTAGONIST COMBINATIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES ET PROCEDE POUR LE TRAITEMENT DE SYMPTOMES DE PANIQUE ET D'ANXIETE AU MOYEN DE COMBINAISONS D'UN ANTAGONISTE DE RECEPTEUR BETA-ADRENERGIQUE ET D'UN ANTAGONISTE DE RECEPTEUR MUSCARINIQUE**
[72] DOOLEY, THOMAS P., US
[71] DOOLEY, THOMAS P., US
[85] 2017-01-18
[86] 2015-02-05 (PCT/US2015/014657)
[87] (WO2016/014117)
[30] US (62/027,375) 2014-07-22
[30] US (62/052,600) 2014-09-19
[30] US (62/055,209) 2014-09-25

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[51] **Int.Cl. A61K 31/427 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61P 19/06 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **XANTHINE OXIDASE INHIBITOR**
[54] **INHIBITEUR DE XANTHINE-OXYDASE**
[72] SHIRAKURA, TAKASHI, JP
[72] TAKAHASHI, YOSHIMASA, JP
[72] KAWANA, ASAHI, JP
[72] KANAZAWA, CHIKASHI, JP
[71] TEIJIN PHARMA LIMITED, JP
[85] 2017-01-18
[86] 2015-07-29 (PCT/JP2015/072153)
[87] (WO2016/017826)
[30] JP (2014-155029) 2014-07-30

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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **DOWNHOLE SUB WITH COLLAPSIBLE BAFFLE**
[54] **RACCORD DE FOND DE PUITS AVEC DE DEFLECTEUR ESCAMOTABLE**
[72] WALTON, ZACH WILLIAM, US
[72] MERRON, MATTHEW JAMES, US
[72] BROOME, JOHN TODD, US
[72] HOWELL, MATT TODD, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-18
[86] 2014-08-22 (PCT/US2014/052314)
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[13] A1
[51] **Int.Cl. A61K 31/427 (2006.01) A61K 31/4166 (2006.01) A61K 31/428 (2006.01) A61P 33/00 (2006.01)**
[25] EN
[54] **IMIDAZOLE AND THIAZOLE COMPOSITIONS FOR MODIFYING BIOLOGICAL SIGNALING**
[54] **COMPOSITIONS D'IMIDAZOLE ET DE THIAZOLE PERMETTANT DE MODIFIER LA SIGNALISATION BIOLOGIQUE**
[72] GOETZ, DOUGLAS, US
[72] BERGMEIER, STEPHEN C., US
[72] MCMILLS, MARK C., US
[72] ORAC, CRINA M., US
[71] OHIO UNIVERSITY, US
[85] 2017-01-18
[86] 2015-05-06 (PCT/US2015/029487)
[87] (WO2016/010610)
[30] US (62/026,234) 2014-07-18
[30] US (62/026,164) 2014-07-18
[30] US (62/026,197) 2014-07-18

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[13] A1
[51] **Int.Cl. B29C 65/20 (2006.01) B29C 65/38 (2006.01)**
[25] EN
[54] **METHOD FOR ATTACHING WATER-REPELLENT FILTER TO INLET OR OUTLET OF AIR VENT FORMED IN THERMOPLASTIC RESIN MOLDED ARTICLE, THERMALLY PROCESSING TIP AND THERMALLY WELDING TIP FOR MOLDING FILTER ATTACHMENT PORTION AND FOR ATTACHING FILTER, AND MOLDED ARTICLE**
[54] **PROCEDE DE FIXATION D'UN FILTRE REPOUSSANT L'EAU A L'ENTREE OU A LA SORTIE D'UN TROU D'EVENT FORME DANS UN OBJET MOULE EN RESINE THERMOPLASTIQUE, PUCE DE TRAITEMENT THERMIQUE ET PUCE DE SOUDAGE THERMIQUE POUR LE MOULAGE D'UNE PARTIE DE FIXATION D'UN FILTRE ET POUR LA FIXATION D'UN FILTRE ET OBJET MOULE**
[72] SAITO, TOSHIHIKO, JP
[72] MANABE, HIROSHI, JP
[71] MUNEKATA INDUSTRIAL MACHINERY CO., LTD., JP
[71] W.L. GORE & ASSOCIATES, CO., LTD., JP
[85] 2017-01-18
[86] 2015-08-25 (PCT/JP2015/074558)
[87] (WO2016/088416)
[30] JP (2014-244031) 2014-12-02

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **DETERMINING CONTRIBUTIONS OF VARIOUS USER INTERACTIONS TO A CONVERSION**
[54] **DETERMINATION DES CONTRIBUTIONS DE DIVERSES INTERACTIONS D'UTILISATEURS A UNE CONVERSION**
[72] FILHO, SERGIO SILVERIA CLEMENTE, US
[72] MCHUGH, JASON GEORGE, US
[71] FACEBOOK, INC., US
[85] 2017-01-18
[86] 2015-06-15 (PCT/US2015/035815)
[87] (WO2016/014170)
[30] US (14/340,588) 2014-07-25

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[13] A1
[51] **Int.Cl. A61B 17/44 (2006.01)**
[25] EN
[54] **A DEVICE FOR ASSISTING DELIVERY OF AN INFANT DURING CHILDBIRTH**
[54] **DISPOSITIF POUR AIDER A LA DELIVRANCE D'UN NOUVEAU-NE PENDANT LA PARTURITION**
[72] SUMITRO, TIRSA, SG
[72] ALISANTOSO, DARIUS, SG
[72] KOH, CHONG YONG, SG
[71] BECTON DICKINSON HOLDINGS PTE LTD, SG
[85] 2017-01-18
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[13] A1
[51] **Int.Cl. A61B 17/44 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR EXTRACTION OF AT LEAST ONE ELEMENT FROM A CAVITY AND A PRESSURE LIMITATION APPARATUS**
[54] **APPAREIL POU L'EXTRACTION D'AU MOINS UN ELEMENT D'UNE CAVITE ET APPAREIL DE LIMITATION DE PRESSION**
[72] KOH, CHONG YONG, SG
[72] CHENG, KIAT JIN, SG
[71] BECTON DICKINSON HOLDINGS PTE LTD, SG
[85] 2017-01-18
[86] 2014-08-27 (PCT/SG2014/000403)
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[54] **PROCEDE D'ANALYSE PAR SPECTROMETRIE DE MASSE EN TANDEM DANS UN ANALYSEUR DE MASSE A PIEGE A IONS**
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[72] WANG, LIANG, CN
[72] DING, CHUANFAN, CN
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[54] **SYSTEME D'ALARME DE PIETONS ET DE CIRCULATION EMBARQUE ET PROCEDES AYANT UNE COMMANDE ET UNE RETROACTION DE SIGNAUX OPTIQUES ET AUDIO**
[72] CARRASCO, MILTON, CA
[72] CHENG, STEVEN KIN SHING, CA
[72] CHAN, STEVEN CHI KIT, CA
[71] TRANSOFT SOLUTIONS INC., CA
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[54] **MODELISATION BASEE SUR LA FORME D'INTERACTIONS ENTRE DES OUTILS DE FORAGE DE FOND DE TROU ET UNE FORMATION ROCHEUSE**
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[54] **ENSEMBLE CAPTEUR MEDICAL**
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[54] **ENSEMBLES CAPTEUR POUR SERRURES**
[72] VASUDEVAN, SUNDAR RAJ DORE, IN
[72] BANGARU, DILIP, IN
[72] LITWINSKI, ADAM MICHAEL, US
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[54] **OUTIL D'ISOLATION DE TUBE ASCENSEUR POUR PUITS EN EAUX PROFONDES**
[72] HESS, JOE E., US
[72] CUTHBERT, ANDREW JOHN, US
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[54] **TRAITEMENTS ET PROCEDES DE REMEDIATION A AUTO-REGENERATION**
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[54] **SYSTEME D'IMPRESSION NUMERIQUE EN LIGNE POUR MATIERES TEXTILES**
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[54] **PALIER LISSE AXIAL**
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[72] EVTUSHENKO, SERGEI PAVLOVICH, RU
[72] KAZANTSEV, RODION PETROVICH, RU
[72] NIKIFOROV, SERGEI ARKADYEVICH, RU
[72] SEMYONOVYKH, ALEKSANDR SERGEEVICH, RU
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[54] **PALE ACTIONNABLE ET PROCEDES D'UTILISATION**
[72] MATTHEWS, KENNETH HEIDT, US
[72] IVERSON, BEN JOHN, US
[72] VOS, ANDREW DAVID, US
[72] BELL, CHRISTOPHER RAY, US
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[54] **DESAERATEUR (ET VARIANTES)**
[72] BEZLEPKIN, VLADIMIR VIKTOROVICH, RU
[72] AMELYUSHINA, ANZHELA GENNADIEVNA, RU
[72] LITVINENKO, LIDIYA DMITRIEVNA, RU
[72] KUKHTEVICH, VLADIMIR OLEGOVICH, RU
[72] MITRYUKHIN, ANDREY GENNADIEVICH, RU
[72] USTINOV, MIKHAIL SERGEEVICH, RU
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[54] **PROCEDE ET SYSTEME DE RECIRCULATION POUR DISTRIBUTEUR DE BOISSONS**
[72] VEMULA, SRIKAR, US
[72] HORNUNG, BRIAN DAVID, US
[72] COLLIER, SAM JAY, US
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[54] **SYSTEME ET PROCEDE DE DISPOSITION PHYSIQUE DE CIRCUITS SUPRACONDUCTEURS**
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[54] **MATIERES PARTICULAIRES D'AGENT DE SOUTENEMENT RESISTANT A L'ECRASEMENT DESTINEES A ETRE UTILISEES DANS DES OPERATIONS DANS DES FORMATIONS SOUTERRAINES**
[72] NGUYEN, PHILIP D., US
[72] VO, LOAN K., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PELLE D'EXPLOITATION MINIERE AVEC CAPTEURS DE COMPOSITION**
[72] BAMBER, ANDREW SHERLIKER, CA
[72] ALATRASH, ALI, CA
[72] PETROVIC, IGOR, CA
[72] DESAULNIERS, GREG, CA
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[54] **PROCEDE DE FABRICATION D'UNE BOBINE FORMEE POUR UN PAQUET DE TOLES STATORIQUES**
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[54] **SYSTEME DE REPONSE D'URGENCE PERSONNEL MOBILE AMELIORE ET SON PROCEDE D'UTILISATION**
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[54] **INHIBITEURS DE NEUROCALCINE DELTA ET LEURS UTILISATIONS THERAPEUTIQUES ET NON THERAPEUTIQUES**
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[72] RIESSLAND, MARKUS, DE
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[54] **PROCEDE**
[72] KJELLMAN, CHRISTIAN, SE
[72] JARNUM, SOFIA, SE
[72] WINSTEDT, LENA, SE
[71] HANSA MEDICAL AB, SE
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[54] **FIXATION DE PLAQUE SOUPLE DE FRACTURES OSSEUSES**
[72] BOTTLANG, MICHAEL, US
[72] MADEY, STEVEN M., US
[72] WIRTZ, KYLE, US
[72] TSAI, STANLEY, US
[71] ZIMMER, INC., US
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[54] **POIGNEE DE RASOIR COMPRENANT UNE PIECE RAPPORTEE A L'INTERIEUR D'UN TROU ET RASOIR COMPRENANT UNE TELLE POIGNEE DE RASOIR**
[72] PSIMADAS, IOANNIS -MARIOS, GR
[72] GRATSIAS, SPIROS, GR
[72] GEORGAKIS, GEORGIOS, GR
[72] CHRISTOFIDELLIS, EFSTRATIOS, GR
[71] BIC-VIOLEX SA, GR
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[54] **A TRIMMING BLADE HEAD AND A RAZOR COMPRISING A RAZOR HANDLE AND SUCH A TRIMMING BLADE HEAD**
[54] **TETE DE LAME DE FINITION ET RASOIR COMPRENANT UN MANCHE DE RASOIR ET UNE TELLE TETE DE LAME DE FINITION**
[72] BOZIKIS, IOANNIS, GR
[72] SALTAS, EFTHYMIOS, GR
[72] MOUSTAKAS, PANAGIOTIS, GR
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[54] MANCHE DE RASOIR COMPRENANT UN ELEMENT DANS UN TROU ET RASOIR COMPRENANT UN TEL MANCHE DE RASOIR
[72] GRATSIAS, SPYROS, GR
[72] PSIMADAS, IOANNIS MARIOS, GR
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[72] AUZILLON, PIERRE GUILLAUME, FR
[72] OLIVE, REMI PHILIPPE OSWALD, FR
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[25] FR
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[54] SYSTEME D'ALIMENTATION EN AIR SOUS PRESSION INSTALLE DANS UNE TURBOMACHINE D'AERONEF COMPORTANT DES MOYENS D'ETANCHEITE
[72] GALLET, FRANCOIS, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] DETECTION D'ACIDES NUCLEIQUES CIBLES A L'AIDE DE L'HYBRIDATION
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[72] ZAHN, JACOB, US
[72] JUNEAU, KARA, US
[72] BOGARD, PATRICK, US
[72] HUANG, STEPHANIE, US
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[54] MOTEUR HYBRIDE DE FOND DE TROU AYANT UN ANGLE DE COURBURE REGLABLE
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[72] GHATGE, VISHWAJIT MANAJIRAO, IN
[72] KATKE, NITINKUMAR PANDURANG, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] OPERATION DE DECOUPE PAR GLISSEMENT A L'AIDE D'UNE FORCE DE RETENUE ELECTRIQUE STATIQUE ET APPAREIL DE LIAISON PAR ULTRASONS
[72] SAYAOVONG, SONG, US
[72] DODELIN, DONALD R., US
[72] PELLAND, JON ALLEN, US
[72] ANDREWS, ROBERT E., US
[72] HOHM, GOTTFRIED JASON, US
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[54] **BIOMARQUEURS SERVANT A PREDIRE LA REPONSE D'UN LBDGC A UN TRAITEMENT UTILISANT UN INHIBITEUR DE LA BTK**
[72] SCHWEIGHOFER, KARL, US
[72] ECKERT, KARL, US
[72] KUO, HSU-PING, US
[72] CHANG, BETTY, US
[72] BEAUPRE, DARRIN, US
[72] CHEUNG, LEO, US
[71] PHARMACYCLICS LLC, US
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[54] **DEPLACEMENT DE VRAC DE POUDRE DE BARYTINE SECHE MICRONISEE**
[72] TERRY, KEITH ALLAN, US
[72] O'CONNELL, BRIAN DANIEL, US
[72] COWARD, JULIAN, US
[72] VALENZIANO, ROB CHARLES, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **NOUVELLES FORMULATIONS D'UN INHIBITEUR DE LA TYROSINE KINASE DE BRUTON**
[72] TAY, PEARL SHWE-CHO, US
[72] MINIKIS, RYAN MITCHELL, US
[72] HULVAT, JAMES FRANCIS, US
[72] MCVEY, ALEXANDER JACOB, US
[72] SHU, CASSANDRA, US
[72] ATLURI, HARISHA, US
[72] KUEHL, ROBERT, US
[72] CHONG, CHING WAH, US
[71] PHARMACYCLICS LLC, US
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[54] **LOW CO2 EMISSIONS STEAM AND/OR HYDROGEN GENERATION SYSTEMS AND PROCESSES FOR HYDROCARBONS RECOVERY OR UPGRADING**
[54] **SYSTEMES DE GENERATION DE VAPEUR ET/OU D'HYDROGENE A FAIBLES EMISSIONS DE CO2 ET PROCEDES DE RECUPERATION OU DE VALORISATION D'HYDROCARBURES**
[72] NDUAGU, EXPERIENCE I., CA
[72] GATES, IAN D., CA
[71] UTI LIMITED PARTNERSHIP, CA
[85] 2017-01-19
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[54] **CLEF DYNAMOMETRIQUE**
[72] OWEN, RICHARD, GB
[71] NORBAR TORQUE TOOLS LTD, GB
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[54] **COMPOSITIONS ET PROCEDES POUR LA DETECTION ET L'ANALYSE DE MYCOBACTERIUM TUBERCULOSIS**
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[72] CLYNNE, THOMAS, US
[72] DECOSTER, KYLE, US
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[54] **REDUCTION DE TISSU DE GRAND VOLUME ET SYSTEME ET PROCEDE DE RETRAIT**
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[72] JOHNSON, DIRK, US
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[72] DROST, JIM, US
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[54] **ENSEMBLE CADRE DE PUISSANCE POUR POMPE ALTERNATIVE**
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[54] **CATALYSEUR A STABILITE HYDROTHERMIQUE AMELIOREE**
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[72] WEI, XINYI, US
[72] HILGENDORFF, MARCUS, DE
[72] BURK, PATRICK, US
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[54] **BEARING SYSTEM FOR RECIPROCATING PUMP AND METHOD OF ASSEMBLY**
[54] **SYSTEME DE PALIER POUR POMPE A MOUVEMENT ALTERNATIF ET PROCEDE D'ASSEMBLAGE**
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[72] KOTAPISH, EDWARD C., US
[72] KUMAR, CHANDU, US
[72] PLEMONS, DONALD KEITH, US
[72] ENGSTROM, BENJAMIN D., US
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[54] **GENERATION DE BIBLIOTHEQUES POUR SEQUENCAGE DE NOUVELLE GENERATION**
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[72] DOMANUS, MARC HENRY, US
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[54] **PROCEDES OTFS DE CARACTERISATION DE CANAL DE DONNEES ET LEURS UTILISATIONS**
[72] HADANI, RONNY, US
[72] RAKIB, SHLOMO SELIM, US
[71] COHERE TECHNOLOGIES, INC., US
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[54] **SUPPORT FOR RECIPROCATING PUMP**
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[72] KUMAR, CHANDU, US
[72] MOMENKANI, KOUROSH, US
[72] KOTAPISH, EDWARD C., US
[72] BAYYOUK, JACOB A., US
[72] MCCRADY, JOHN M., US
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[54] **PROCESS FOR RECOVERING PROCESSING LIQUIDS FROM STREAMS CONTAINING ALKALINE EARTH METAL SALTS**
[54] **PROCEDE DE RECUPERATION DE LIQUIDES DE TRAITEMENT PRESENTS DANS DES FLUX CONTENANT DES SELS DE METAUX ALCALINO-TERREUX**
[72] ABRY, RAYMOND G. F., CA
[72] TROFIMUK, TERRANCE, CA
[72] AYRES, STEVEN, CA
[71] CCR TECHNOLOGIES, LTD., US
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[54] **SYSTEM AND DEVICE FOR NEARFIELD GUNSHOT AND EXPLOSION DETECTION**
[54] **SYSTEME ET DISPOSITIF POUR DETECTION DE COUP DE FEU ET D'EXPLOSION EN CHAMP PROCHE**
[72] OVERCAST, ALLAN WARD, US
[71] TRACER TECHNOLOGY SYSTEMS INC., US
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[54] **ELECTRODEPOSITION MEDIUMS FOR FORMATION OF PROTECTIVE COATINGS ELECTROCHEMICALLY DEPOSITED ON METAL SUBSTRATES**
[54] **SUPPORTS D'ELECTRODEPOSITION POUR LA FORMATION DE REVETEMENTS PROTECTEURS DEPOSES ELECTROCHIMIQUEMENT SUR DES SUBSTRATS METALLIQUES**
[72] MALSHE, VINOD CHINTAMANI, IN
[72] JADHAV, SAMEER SHANKAR, IN
[72] SAWANT, VITTHAL ABASO, US
[72] RANGANATHAN, SATHISH KUMAR, US
[72] DAVIS, CODY R., US
[72] SIRIPURAPU, SRINIVAS, US
[72] MHETAR, VIJAY, US
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[54] **COMPOSITIONS AND METHODS FOR CONTROLLING INSECT PESTS**
[54] **COMPOSITIONS ET METHODES POUR LUTTER CONTRE LES INSECTES NUISIBLES**
[72] CRAWFORD, MICHAEL JOHN, US
[72] EADS, BRIAN DONOVAN, US
[71] MONSANTO TECHNOLOGY LLC, US
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[54] **INSTRUMENT POUR L'ANALYSE D'ECHANTILLONS BIOLOGIQUES ET REACTIFS**
[72] COOK, DARREN LYNN, US
[72] JOHNSON, ERIC GUY, US
[72] WESTAD, NATHAN LUTHER, US
[72] HAUG, ANDREW RICHARD, US
[72] KONYNENBELT, JAMES HENRY, US
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[54] **DENTAL SUCTION DEVICE**
[54] **DISPOSITIF D'ASPIRATION DENTAIRE**
[72] MAYCHER, DAVID JOHN, CA
[71] D.J. MAYCHER INVESTMENTS INC., CA
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[54] **HEAT EXCHANGER WITH FLOW OBSTRUCTIONS TO REDUCE FLUID DEAD ZONES**
[54] **ECHANGEUR DE CHALEUR AVEC DISPOSITIFS D'OBSTRUCTION D'ECOULEMENT POUR REDUIRE LES ZONES MORTES D'UN FLUIDE**
[72] POWELL, ERIC W., CA
[72] BARDELEBEN, MICHAEL, CA
[72] SO, ALLAN K., CA
[72] BUCKRELL, ANDREW, CA
[72] KENNEY, BENJAMIN A., CA
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[54] **DISPOSITIF DE COMMANDE AVEC ACCELEROMETRE POUR RETROACTION DE POSITION**
[72] PANTHER, MITCHELL S., US
[72] KEMP, MATTHEW J., US
[72] NICHOLAS, DAVIN SCOTT, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **DISPOSITIF DE VISION NOCTURNE**
[72] HU, XIAOPING, CN
[71] BOLYMEDIA HOLDINGS CO. LTD., US
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[54] **MAGNETIC FIELD SENSOR FEEDBACK FOR DIAGNOSTICS**
[54] **RETOUR D'INFORMATIONS DE CAPTEURS DE CHAMP MAGNETIQUE A DES FINS DE DIAGNOSTIC**
[72] TAO, MATTHEW, SG
[72] GOH, CHEE WEE, SG
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **PINCE DE LIAISON POUR LE RACCORDEMENT DE GABARITS**
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[71] GUANGZHOU YIDA MACHINERY CO., LTD., CN
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[54] **AGENT PROPHYLACTIQUE OU THERAPEUTIQUE POUR DES TROUBLES DU SEGMENT POSTERIEUR DE L'□IL**
[72] YOSHIIDA, ATSUSHI, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
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[86] 2015-07-17 (PCT/JP2015/070477)
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[54] **MULTI-LAYER COATING SYSTEM, COATING METHOD, AND COATED SUBSTRATE THEREWITH**
[54] **SYSTEME DE REVETEMENT MULTICOUCHE, PROCEDE DE REVETEMENT, ET SUBSTRAT REVETU DE CE DERNIER**
[72] SONG, YUANJIE, CN
[72] LUO, ZHENGSONG, CN
[72] YIN, ZHIXIN, CN
[71] PPG COATINGS (TIANJIN) CO., LTD., CN
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[54] **BROCHE D'AMORTISSEMENT**
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[72] MATSUZAWA, TAKUMI, JP
[71] HONDA MOTOR CO., LTD., JP
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[54] **AUTOMATED IMAGING AND ANALYSIS OF THE HEMAGGLUTINATION INHIBITION ASSAY (HAI)**
[54] **IMAGERIE ET ANALYSE AUTOMATIQUES DE L'ESSAI D'INHIBITION DE L'HEMAGGLUTINATION (IHA)**
[72] NGUYEN, MICHAEL, US
[72] PARKHILL, ROBERT, US
[71] SANOFI PASTEUR VAXDESIGN CORPORATION, US
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[54] **CONTINUOUS PRODUCTION SYSTEM FOR CULTURING DIPTERAN INSECTS**
[54] **SYSTEME DE PRODUCTION EN CONTINU POUR L'ELEVAGE D'INSECTES DIPTERES**
[72] MARCHANT, BRAD, CA
[72] VICKERSON, ANDREW, CA
[72] KAULFUSS, OLIVER, CA
[72] RADLEY, REED, CA
[71] ENTERRA FEED CORPORATION, CA
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[71] DEAKIN UNIVERSITY, AU
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF AN ETHYLENE COPOLYMER IN A TUBULAR REACTOR**
[54] **PROCEDE POUR LA PREPARATION D'UN COPOLYMERE D'ETHYLENE DANS UN REACTEUR TUBULAIRE**
[72] BODEGOM VAN, ROBERT CORNELIS, NL
[72] KAN VAN, JOANNES AUGUSTINUS MARIA, NL
[72] SLOTS, SJORS, NL
[71] SAUDI BASIC INDUSTRIES COPORATION, SA
[71] SABIC GLOBAL TECHNOLOGIES B.V., NL
[85] 2017-01-20
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[51] **Int.Cl. C12N 7/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PURIFICATION OF POLIOVIRUS FROM CELL CULTURES**
[54] **PROCEDE DE PURIFICATION DU VIRUS DE LA POLIOMYELITE A PARTIR DE CULTURES CELLULAIRES**
[72] SEGERS, MARIKEN, NL
[72] KUNGAH NFOR, BECKLEY, NL
[72] ALAZI, FERAS NACHMI, NL
[72] DE VOCHT, MARCEL LEO, NL
[71] JANSSEN VACCINES & PREVENTION B.V., NL
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[25] EN
[54] **DISTRIBUTED OPTICAL FIBRE SENSORS**
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[72] HANDEREK, VINCENT, GB
[71] FOTECH SOLUTIONS LIMITED, GB
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[30] GB (1413242.7) 2014-07-25

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[25] EN
[54] **COMBINATION OF NOVEL NITRIFICATION INHIBITORS AND BIOPESTICIDES AS WELL AS COMBINATION OF (THIO)PHOSPHORIC ACID TRIAMIDES AND BIOPESTICIDES**
[54] **COMBINAISON DE NOUVEAUX INHIBITEURS DE NITRIFICATION ET DE BIOPESTICIDES AINSI QUE COMBINAISON DE TRIAMIDES D'ACIDE (THIO)PHOSPHORIQUE DE BIOPESTICIDES**
[72] NAVE, BARBARA, DE
[72] DICKHAUT, JOACHIM, DE
[72] SISAY, MIHIRET TEKESTE, DE
[72] WISSEMEIER, ALEXANDER, DE
[72] ZERULLA, WOLFRAM, DE
[72] PASDA, GREGOR, DE
[72] SCHMID, MARKUS, DE
[71] BASF SE, DE
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[54] **LINK STRUCTURE IN MOTOR VEHICLE SEAT**
[54] **STRUCTURE DE LIAISON POUR SIEGE DE VEHICULE**
[72] HIRANO TAKUMI, JP
[72] HASHIMOTO SATOSHI, JP
[72] TAKAGI SHUN, JP
[72] YAMAMOTO HIROMI, JP
[71] TACHI-S CO., LTD., JP
[85] 2017-01-20
[86] 2015-06-11 (PCT/JP2015/066876)
[87] (WO2016/017295)
[30] JP (2014-156590) 2014-07-31

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[25] EN
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[54] **COPOLYMERES ULTRAPURS**
[72] SIEGERS, CONRAD, CA
[72] THOMPSON, DAVID, CA
[71] ARLANXEO SINGAPORE PTE. LTD., SG
[85] 2017-01-20
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[87] (WO2016/011546)
[30] EP (14178258.1) 2014-07-24

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[54] **COMPOUNDS**
[54] **COMPOSES**
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[72] ZHANG, XIAOMIN, CN
[72] WANG, JIAN, CN
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2017-01-20
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[25] EN
[54] **SYSTEM FOR COOLING ELECTRIC DRIVING UNIT OF AIRCRAFT**
[54] **SYSTEME POUR REFROIDIR UNE UNITE ELECTRIQUE D'UN AERONEF**
[72] MORIOKA, NORIKO, JP
[72] OYORI, HITOSHI, JP
[71] IHI CORPORATION, JP
[85] 2017-01-20
[86] 2015-07-21 (PCT/JP2015/070664)
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[25] EN
[54] CARBON FILM FOR FLUID SEPARATION, FLUID SEPARATION FILM MODULE, AND METHOD FOR PRODUCING CARBON FILM FOR FLUID SEPARATION
[54] FILM DE CARBONE SERVANT A LA SEPARATION DE FLUIDES, MODULE DE FILM DE SEPARATION DE FLUIDES, ET PROCEDE DE PRODUCTION D'UN FILM DE CARBONE SERVANT A LA SEPARATION DE FLUIDES
[72] TAKEUCHI, KOSAKU, JP
[72] TANAKA, KENTARO, JP
[72] MIHARA, TAKAAKI, JP
[72] HORIGUCHI, TOMOYUKI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-01-20
[86] 2015-07-24 (PCT/JP2015/071169)
[87] (WO2016/013676)
[30] JP (2014-150400) 2014-07-24
[30] JP (2014-187482) 2014-09-16

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[51] Int.Cl. C01G 41/00 (2006.01) A61K 33/24 (2006.01) A61P 15/08 (2006.01)
[25] EN
[54] TUNGSTEN (VI) SALTS FOR USE THEREOF IN THE TREATMENT OF INFERTILITY, FOR FAVORING NORMAL REPRODUCTION AND FERTILITY IN A NON-DIABETIC FEMALE MAMMAL, AS WELL AS FOR IMPROVING THE EFFICACY OF ASSISTED REPRODUCTIVE TECHNIQUES
[54] SELS DE TUNGSTENE (VI) POUR LEUR UTILISATION DANS LE TRAITEMENT DE L'INFERTILITE, POUR FAVORISER LA FERTILITE ET LA REPRODUCTION NORMALE CHEZ UN MAMMIFERE FEMELLE NON DIABETIQUE, AINSI QUE POUR AUGMENTER L'EFFICACITE DES TECHNIQUES DE REPRODUCTION ASSISTEE.
[72] CANALS ALMAZAN, IGNACIO, ES
[72] ARBAT BUGIE, AGNES, ES
[71] OXOLIFE, S.L., ES
[85] 2017-01-20
[86] 2014-07-21 (PCT/ES2014/070586)
[87] (WO2016/012632)

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[51] Int.Cl. A61K 38/00 (2006.01) A61K 31/23 (2006.01) A61K 31/231 (2006.01) A61K 31/70 (2006.01) A61K 38/16 (2006.01) A61K 38/17 (2006.01) A61P 25/28 (2006.01) A61P 43/00 (2006.01)
[25] EN
[54] AGENT FOR IMPROVING BRAIN FUNCTION AND AGENT FOR PREVENTING OR TREATING COGNITIVE IMPAIRMENT
[54] AGENT D'AMELIORATION DE FONCTION CEREBRALE, ET AGENT PROPHYLACTIQUE OU THERAPEUTIQUE POUR DYSFONCTIONNEMENT COGNITIF
[72] KUNUGI, HIROSHI, JP
[72] OTA, MIHO, JP
[72] MATSUO, JUNKO, JP
[72] ICHIHARA, YOSHITATSU, JP
[71] THE FOOD SCIENCE INSTITUTE FOUNDATION, JP
[71] NATIONAL CENTER OF NEUROLOGY AND PSYCHIATRY, JP
[85] 2017-01-20
[86] 2015-07-23 (PCT/JP2015/070976)
[87] (WO2016/013617)
[30] JP (2014-149990) 2014-07-23

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[13] A1
[51] Int.Cl. A61B 5/00 (2006.01) A61B 5/103 (2006.01) A61B 5/1455 (2006.01)
[25] EN
[54] SYSTEM AND METHOD FOR OPTICAL DETECTION OF SKIN DISEASE
[54] SYSTEME ET PROCEDE DE DETECTION OPTIQUE DE MALADIES DE LA PEAU
[72] GAREAU, DANIEL, US
[72] MARTIN, JUSTIN, US
[71] THE ROCKEFELLER UNIVERSITY, US
[85] 2017-01-20
[86] 2014-07-22 (PCT/US2014/047636)
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[51] **Int.Cl. C07C 59/72 (2006.01) A61K 31/192 (2006.01) A61K 31/277 (2006.01) A61K 31/343 (2006.01) A61K 31/351 (2006.01) A61K 31/381 (2006.01) A61K 31/428 (2006.01) A61K 31/4418 (2006.01) A61K 31/4433 (2006.01) A61K 31/444 (2006.01) A61K 31/5377 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) C07C 255/46 (2006.01) C07C 255/50 (2006.01) C07D 213/73 (2006.01) C07D 215/14 (2006.01) C07D 277/60 (2006.01) C07D 307/80 (2006.01) C07D 309/24 (2006.01) C07D 333/16 (2006.01) C07D 405/04 (2006.01) C07D 405/14 (2006.01) C07D 413/10 (2006.01)**
[25] EN
[54] **SUBSTITUTED PHENYL ALKANOIC ACID COMPOUNDS AS GPR120 AGONISTS AND USES THEREOF**
[54] **COMPOSES D'ACIDE PHENYLALCANOIQUE SUBSTITUE UTILISABLES EN TANT QU'AGONISTES DE GPR120 ET LEURS UTILISATIONS**
[72] KUMAR, SANJAY, IN
[72] SHARMA, RAJIV, US
[72] DEORE, VIJAYKUMAR BHAGWAN, IN
[72] YEWALKAR, NILAMBARI NILKANTH, IN
[71] PIRAMAL ENTERPRISES LIMITED, IN
[85] 2017-01-20
[86] 2015-07-23 (PCT/IB2015/055572)
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[30] US (62/028,891) 2014-07-25

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[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 43/247 (2006.01) G06F 9/455 (2006.01) G06G 7/48 (2006.01)**
[25] EN
[54] **OPTIMIZING MULTISTAGE HYDRAULIC FRACTURING DESIGN BASED ON THREE-DIMENSIONAL (3D) CONTINUUM DAMAGE MECHANICS**
[54] **OPTIMISATION DE CONCEPTION DE FRACTURATION HYDRAULIQUE A PLUSIEURS ETAGES SUR LA BASE D'UNE MECANIQUE D'ENDOMMAGEMENT DE CONTINUUM EN TROIS-DIMENSIONS (3D)**
[72] SHEN, XINPU, US
[72] STANDIFIRD, WILLIAM B., US
[72] EVANS, SCOT, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-01-20
[86] 2014-08-28 (PCT/US2014/053171)
[87] (WO2016/032489)

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[13] A1
[51] **Int.Cl. A47J 36/24 (2006.01) A47G 19/12 (2006.01) A47G 19/14 (2006.01) A47J 36/26 (2006.01)**
[25] EN
[54] **HEATED OR COOLED DISHWARE AND DRINKWARE**
[54] **VAISSELLE ET VERRES POUVANT ETRE CHAUFFES OU REFROIDIS**
[72] ALEXANDER, CLAYTON, US
[71] EMBER TECHNOLOGIES, INC., US
[85] 2017-01-20
[86] 2015-06-17 (PCT/US2015/036304)
[87] (WO2015/200074)
[30] US (14/312,366) 2014-06-23
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[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **DEGRADABLE WELLBORE ISOLATION DEVICES WITH LARGE FLOW AREAS**
[54] **DISPOSITIFS D'ISOLATION DE PUITS DE FORAGE DEGRADABLES A ZONES IMPORTANTES D'ECOULEMENT**
[72] WALTON, ZACHARY, US
[72] FRIPP, MICHAEL LINLEY, US
[72] JURGENSMEIER, MICHAEL JAMES, US
[72] MURPHREE, ZACHARY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-20
[86] 2014-08-28 (PCT/US2014/053212)
[87] (WO2016/032493)

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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 17/00 (2006.01) E21B 23/06 (2006.01) E21B 33/128 (2006.01)**
[25] EN
[54] **WELLBORE ISOLATION DEVICES WITH DEGRADABLE SLIP ASSEMBLIES WITH SLIP INSERTS**
[54] **DISPOSITIFS D'ISOLATION DE PUITS DE FORAGE COMPRENANT ENSEMBLES COINS DE RETENUE DEGRADABLE COMPRENANT DES INSERTS DE COIN DE RETENUE**
[72] WALTON, ZACHARY WILLIAM, US
[72] FRIPP, MICHAEL LINLEY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-20
[86] 2015-06-30 (PCT/US2015/038607)
[87] (WO2016/032620)
[30] US (PCT/US2014/053212) 2014-08-28

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[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 34/06 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **DEGRADABLE WELLBORE ISOLATION DEVICES WITH DEGRADABLE SEALING BALLS**
[54] **DISPOSITIFS DEGRADABLES D'ISOLATION DE PUITS DE FORAGE AVEC BILLES D'ETANCHEITE DEGRADABLES**
[72] FRIPP, MICHAEL LINLEY, US
[72] WALTON, ZACHARY WILLIAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-20
[86] 2015-06-30 (PCT/US2015/038624)
[87] (WO2016/032621)
[30] US (PCT/US2014/053212) 2014-08-28

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[13] A1
[51] **Int.Cl. G11B 20/10 (2006.01) G10L 25/87 (2013.01) G10L 17/00 (2013.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR RECORDING AUDIO AND VIDEO**
[54] **APPAREIL ET PROCEDES D'ENREGISTREMENT AUDIO ET VIDEO**
[72] SIME, DAVID A., US
[72] IGO, WILLIAM JON, US
[72] INGRAHAM, ROBERT WALTER, US
[72] HAIR, JONATHON ELDON, US
[72] DOWLER, BRENDA LEE, US
[72] WILLIAMS, GREGORY KIRK, US
[71] UNITED STATES BANKRUPTCY COURT FOR THE DISTRICT OF UTAH, US
[85] 2017-01-20
[86] 2015-07-16 (PCT/US2015/040769)
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[30] US (62/025,241) 2014-07-16
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[13] A1
[51] **Int.Cl. G03B 21/00 (2006.01) G03B 21/56 (2006.01)**
[25] EN
[54] **DISPLAY SYSTEMS AND METHODS EMPLOYING TIME MUTIPLEXING OF PROJECTION SCREENS AND PROJECTORS**
[54] **SYSTEMES ET PROCEDES D'AFFICHAGE EMPLOYANT UN MULTIPLEXAGE DANS LE TEMPS D'ECRANS DE PROJECTION ET DE PROJECTEURS**
[72] CANDRY, PATRICK, US
[72] MAXIMUS, BART, US
[72] MATTHYS, GEERT, US
[72] TYDGAT, CLAUDE, US
[72] STREMPLE, SCOTT, US
[71] BARCO, INC., US
[85] 2017-01-20
[86] 2015-07-21 (PCT/US2015/041267)
[87] (WO2016/014479)
[30] US (62/027,610) 2014-07-22

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[13] A1
[51] **Int.Cl. A01M 29/06 (2011.01)**
[25] EN
[54] **USE OF VISUAL CUES TO ENHANCE BIRD REPELLENT COMPOSITIONS**
[54] **UTILISATION DE REPERES VISUELS POUR AMELIORER DES COMPOSITIONS REPOUSSANT LES OISEAUX**
[72] BALLINGER, KENNETH E., JR., US
[72] WERNER, SCOTT JOHN, US
[71] ARKION LIFE SCIENCES, LLC, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, US
[85] 2017-01-20
[86] 2015-07-01 (PCT/US2015/038780)
[87] (WO2016/014227)
[30] US (62/028,900) 2014-07-25

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[13] A1
[51] **Int.Cl. B41F 33/00 (2006.01) B41F 13/187 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING OVERPRINT ORIENTATION**
[54] **SYSTEMES ET PROCEDES POUR SURVEILLER L'ORIENTATION DE SURIMPRESSION**
[72] STEWART, NOEL, US
[71] THE COCA-COLA COMPANY, US
[85] 2017-01-20
[86] 2015-07-21 (PCT/US2015/041269)
[87] (WO2016/014481)
[30] US (62/027,279) 2014-07-22
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[13] A1
[51] **Int.Cl. H04N 15/00 (2006.01) G03B 21/14 (2006.01) G09G 3/16 (2006.01)**
[25] EN
[54] **DISPLAY SYSTEMS AND METHODS EMPLOYING WAVELENGTH MULTIPLEXING OF COLORS**
[54] **SYSTEMES ET PROCEDES D'AFFICHAGE EMPLOYANT UN MULTIPLEXAGE EN LONGUEURS D'ONDE POUR DES COULEURS**
[72] CANDRY, PATRICK, US
[72] STREMPLE, SCOTT, US
[72] MAXIMUS, BART, US
[71] BARCO, INC., US
[85] 2017-01-20
[86] 2015-07-21 (PCT/US2015/041299)
[87] (WO2016/014506)
[30] US (62/027,659) 2014-07-22

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[13] A1
[51] **Int.Cl. A61C 7/28 (2006.01) A61C 7/12 (2006.01) A61C 7/14 (2006.01)**
[25] EN
[54] **BRACKET SYSTEM**
[54] **SYSTEME DE BOITIER**
[72] OWEN, BRANDON, US
[71] OWEN, BRANDON, US
[85] 2017-01-20
[86] 2014-09-19 (PCT/US2014/056679)
[87] (WO2015/042481)
[30] US (61/880,322) 2013-09-20
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[51] Int.Cl. A61M 1/06 (2006.01)
[25] EN
[54] BREAST PUMP SYSTEM AND METHODS
[54] SYSTEME DE TIRE-LAIT ET PROCEDES
[72] MAKOWER, JOSHUA, US
[72] CHANG, JOHN Y., US
[72] DONOHOE, BRENDAN M., US
[72] WANG, SHARON LAM, US
[72] TOROSIS, MICHELE, US
[72] BRIGHT, EARL, II, US
[71] EXPLORAMED NC7, LLC, US
[85] 2017-01-20
[86] 2015-07-21 (PCT/US2015/041257)
[87] (WO2016/014469)
[30] US (62/027,685) 2014-07-22

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[13] A1
[51] Int.Cl. A45D 26/00 (2006.01)
[25] EN
[54] DEVICE, SYSTEM, METHOD AND KIT FOR PREPARING SKIN
[54] DISPOSITIF, SYSTEME, PROCEDE ET KIT DE PREPARATION DE LA PEAU
[72] POWER, JAHN, US
[71] FULL POWER AED, LLC, US
[71] POWER, JAHN, US
[85] 2017-01-20
[86] 2015-07-21 (PCT/US2015/041302)
[87] (WO2016/014508)
[30] US (62/028,978) 2014-07-25

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[13] A1
[51] Int.Cl. H04N 15/00 (2006.01) G09G 3/16 (2006.01)
[25] EN
[54] DISPLAY SYSTEMS AND METHODS EMPLOYING POLARIZING REFLECTIVE SCREENS
[54] SYSTEMES ET PROCEDES D'AFFICHAGE EMPLOYANT DES ECRANS REFLECHISSANTS POLARISANTS
[72] CANDRY, PATRICK, US
[72] MAXIMUS, BART, US
[72] MATTHYS, GEERT, US
[72] TYTGAT, CLAUDE, US
[71] BARCO, INC., US
[85] 2017-01-20
[86] 2015-07-21 (PCT/US2015/041372)
[87] (WO2016/014560)
[30] US (62/027,687) 2014-07-22

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[13] A1
[51] Int.Cl. C09K 8/54 (2006.01) C09K 8/52 (2006.01)
[25] EN
[54] SOLID ACID SCALE INHIBITORS
[54] INHIBITEURS DE TARTRE A BASE D'ACIDES SOLIDES
[72] BEUTERBAUGH, AARON MICHAEL, US
[72] REYES, ENRIQUE ANTONIO, US
[72] SMITH, ALYSSA LYNN, US
[72] LABLANC, BENJAMIN EDWARD, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-20
[86] 2014-09-30 (PCT/US2014/058242)
[87] (WO2016/053288)

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[51] Int.Cl. A61F 5/01 (2006.01)
[25] EN
[54] KNEE BRACE WITH ADJUSTABLE STRUT LENGTH AND DYNAMIC STRUT LENGTHENING
[54] ORTHESE DE GENOU AYANT UNE LONGUEUR DE SUPPORT REGLABLE ET ALLONGEMENT DE SUPPORT DYNAMIQUE
[72] MASON, JEFFREY T., US
[72] MOIR, RUSSELL S., US
[72] BOWMAN, BRYAN K., US
[71] UNITED SURGICAL ASSOCIATES, INC., US
[85] 2017-01-20
[86] 2015-08-05 (PCT/US2015/043741)
[87] (WO2016/022638)
[30] US (62/033,553) 2014-08-05

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[13] A1
[51] Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) C07K 16/30 (2006.01)
[25] EN
[54] ANTI-CD3 ANTIBODIES, ACTIVATABLE ANTI-CD3 ANTIBODIES, MULTISPECIFIC ANTI-CD3 ANTIBODIES, MULTISPECIFIC ACTIVATABLE ANTI-CD3 ANTIBODIES, AND METHODS OF USING THE SAME
[54] ANTICORPS ANTI-CD3, ANTICORPS ANTI-CD3 ACTIVABLES, ANTICORPS ANTI-CD3 MULTISPECIFIQUES, ANTICORPS ANTI-CD3 ACTIVABLES MULTISPECIFIQUES ET PROCEDES D'UTILISATION DE CES ANTICORPS
[72] IRVING, BRYAN ALLEN, US
[72] LA PORTE, SHERRY LYNN, US
[72] SAGERT, JASON GARY, US
[72] HOSTETTER, DANIEL ROBERT, US
[72] RAZO, OLIVIA JENNIFER, US
[72] WHITE, CLAYTON, US
[72] RICHARDSON, JENNIFER HOPE, US
[71] CYTOMX THERAPEUTICS, INC., US
[85] 2017-01-20
[86] 2015-07-24 (PCT/US2015/042053)
[87] (WO2016/014974)
[30] US (62/029,325) 2014-07-25

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[13] A1
[51] Int.Cl. E21B 15/00 (2006.01) E21B 19/02 (2006.01) E21B 19/15 (2006.01)
[25] EN
[54] METHODS AND SYSTEMS FOR TUBULAR VALIDATION
[54] PROCEDES ET SYSTEMES PERMETTANT UNE VALIDATION D'ELEMENT TUBULAIRE
[72] MAGNUSON, CHRISTOPHER, US
[71] NABORS INDUSTRIES, INC., US
[85] 2017-01-20
[86] 2015-04-03 (PCT/US2015/024321)
[87] (WO2016/032577)
[30] US (14/471,250) 2014-08-28

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[51] **Int.Cl. A01N 57/28 (2006.01) A01N 31/14 (2006.01) A01N 37/40 (2006.01) A01N 39/04 (2006.01) A01N 43/10 (2006.01) A01N 43/18 (2006.01) A01N 43/50 (2006.01) A01N 43/54 (2006.01) A01N 43/60 (2006.01) A01N 43/80 (2006.01) A01N 47/36 (2006.01) A01N 57/12 (2006.01) A01N 57/20 (2006.01) A01P 13/02 (2006.01)**
[25] EN
[54] **COMBINATION OF NOVEL NITRIFICATION INHIBITORS AND HERBICIDES AS WELL AS COMBINATION OF (THIO)PHOSPHORIC ACID TRIAMIDES AND HERBICIDES**
[54] **COMBINAISON DE NOUVEAUX INHIBITEURS DE NITRIFICATION ET D'HERBICIDES AINSI QU'UNE COMBINAISON DE TRIAMIDES D'ACIDE (THIO)PHOSPHORIQUE ET D'HERBICIDES**
[72] NAVE, BARBARA, DE
[72] DICKHAUT, JOACHIM, DE
[72] SISAY, MIHIRET TEKESTE, DE
[72] WISSEMEIER, ALEXANDER, DE
[72] ZERULLA, WOLFRAM, DE
[72] PASDA, GREGOR, DE
[72] SCHNEIDER, KARL-HEINRICH, DE
[72] KLODWIG, CLAUDIA, DE
[72] HOWARD, MARK, US
[72] VANCE, LAURA, US
[72] WOFFORD, JAMES A., US
[72] WOODYARD, ANDREW, US
[72] FASSLER, NICHOLAS, US
[72] SCHIMD, MARKUS, DE
[71] BASF SE, DE
[85] 2017-01-20
[86] 2015-04-16 (PCT/US2015/026112)
[87] (WO2015/081349)
[30] EP (14165219.8) 2014-04-17

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[51] **Int.Cl. A61F 2/12 (2006.01)**
[25] EN
[54] **IMPLANTABLE DEVICES AND TECHNIQUES FOR ONCOPLASTIC SURGERY**
[54] **DISPOSITIFS IMPLANTABLES ET TECHNIQUES DE CHIRURGIE ONCOPLASTIQUE**
[72] LEBOVIC, GAIL S., US
[72] WILLIS, DAVID B., US
[72] HERMANN, GEORGE D., US
[72] OLSON, JONATHAN M., US
[71] FOCAL THERAPEUTICS, INC., US
[85] 2017-01-20
[86] 2015-07-24 (PCT/US2015/042082)
[87] (WO2016/014990)
[30] US (62/029,358) 2014-07-25

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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61F 13/00 (2006.01)**
[25] EN
[54] **COMBINATION FLUID INSTILLATION AND NEGATIVE PRESSURE DRESSING**
[54] **COMBINAISON D'INSTILLATION DE FLUIDE ET DE PANSEMENT A PRESSION NEGATIVE**
[72] MERCER, DAVID, GB
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] PRATT, BENJAMIN ANDREW, GB
[71] KCI LICENSING, INC., US
[85] 2017-01-20
[86] 2015-07-24 (PCT/US2015/042097)
[87] (WO2016/015001)
[30] US (62/028,672) 2014-07-24

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[13] A1
[51] **Int.Cl. C12N 9/24 (2006.01)**
[25] EN
[54] **AGLYCOSYLATED ENZYME AND USES THEREOF**
[54] **ENZYME AGLYCOSYLEE ET SES UTILISATIONS**
[72] MEDOFF, MARSHALL, US
[72] KREDER, NATASHA, US
[72] LYNCH, JAMES, US
[72] LANDRY, SEAN, US
[72] YOSHIDA, AIICHIRO, US
[72] PANGILINAN, DESIREE, US
[72] MASTERMAN, THOMAS CRAIG, US
[71] XYLECO, INC., US
[85] 2017-01-20
[86] 2015-08-07 (PCT/US2015/044136)
[87] (WO2016/022878)
[30] US (62/035,346) 2014-08-08

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[13] A1
[51] **Int.Cl. A61J 1/05 (2006.01) A61F 9/00 (2006.01) B01D 35/02 (2006.01) B01D 39/16 (2006.01) B01D 71/06 (2006.01) B65D 51/24 (2006.01)**
[25] EN
[54] **PRESERVATIVE REMOVAL FROM EYE DROPS**
[54] **EXTRACTION D'UN CONSERVATEUR A PARTIR DE COLLYRES**
[72] CHAUHAN, ANUJ, US
[72] HSU, KUAN-HUI, US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2017-01-20
[86] 2015-08-12 (PCT/US2015/044782)
[87] (WO2016/025560)
[30] US (62/036,670) 2014-08-13
[30] US (62/160,233) 2015-05-12

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[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/128 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **SUBTERRANEAN FORMATION OPERATIONS USING DEGRADABLE WELLBORE ISOLATION DEVICES**
[54] **OPERATIONS DANS DES FORMATIONS SOUTERRAINES UTILISANT DES DISPOSITIFS D'ISOLEMENT DE PUITS DE FORAGE DEGRADABLES**
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[72] WALTON, ZACHARY WILLIAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[72] PARKER, JOHN LOUIS, AU
[71] SALUDA MEDICAL PTY LTD, AU
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[71] ABBOTT MOLECULAR INC., US
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[54] **NUANCIERS DE COULEURS IMPRIMES NUMERIQUEMENT AVEC EFFET TEXTURE**
[72] POSTLE, STEPHEN RODERICK, US
[72] RICH, DANNY, US
[71] SUN CHEMICAL CORPORATION, US
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[54] **N□UDS FORMES MODULAIRES POUR UN CHASSIS DE VEHICULE ET LEURS PROCEDES D'UTILISATION**
[72] CZINGER, KEVIN R., US
[72] BALZER, WILLIAM BRADLEY, US
[72] PENMETSA, PRAVEEN VARMA, US
[72] OMOHUNDRO, ZACHARY MEYER, US
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[54] **COMPOSITIONS AND METHODS FOR SELECTIVELY DEPLETING SENESCENT CELLS**
[54] **COMPOSITIONS ET PROCEDES DE DEPLETION SELECTIVE DE CELLULES SENESCENTES**
[72] ZHENG, GUANGRONG, US
[72] ZHOU, DAOHONG, US
[72] LIU, XINGUI, US
[72] WANG, YINGYING, US
[72] CHANG, JIANHUI, US
[72] FENG, WEI, US
[72] SHAO, LIJIAN, US
[72] LUO, YI, US
[71] BIOVENTURES, LLC., US
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[54] **ORIENTATION SYSTEM FOR IMAGE RECORDING DEVICES**
[54] **SYSTEME D'ORIENTATION POUR DISPOSITIFS D'ENREGISTREMENT D'IMAGE**
[72] GOOI, PATRICK, CA
[72] WARRIAN, KEVIN J., CA
[72] GOOI, ADRIAN, CA
[71] GOOI, PATRICK, CA
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[54] **OCULAR EYELID SCRUB COMPOSITION FOR THE TREATMENT OF DEMODEX BLEPHARITIS**
[54] **COMPOSITION DE NETTOYAGE DES PAUPIERES UTILISABLE EN VUE DU TRAITEMENT DE LA BLEPHARITE A DEMODEX**
[72] MCANNALLY, JEFFERY, US
[72] MASON, JOHN O., III, US
[71] LUNOVUS, LLC, US
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[54] **COLLECTE ET ANALYSE DE DONNEES A DES FINS DE DIAGNOSTIC**
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[71] UNIVERSITY HEALTH NETWORK, CA
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[54] **SYSTEM AND METHOD FOR AUTOMATIC ENCODER ADJUSTMENT BASED ON TRANSPORT DATA**
[54] **SYSTEME ET PROCEDE DE REGLAGE DE CODEUR AUTOMATIQUE SUR LA BASE DE DONNEES DE TRANSPORT**
[72] SZE, DAVID PUI KEUNG, CA
[72] HORVATH, AKOS, CA
[72] FRUSINA, BOGDAN, CA
[72] GILHULY, BARRY, CA
[72] SMITH, CAMERON KENNETH, CA
[72] MALLET, JOSEPH ROBERT WAYNE, CA
[72] SCHNEIDER, ANTHONY TODD, CA
[72] FLATT, ROBERT, CA
[72] KAYE, HAGEN, CA
[71] DEJERO LABS INC., CA
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[71] FLSMIDTH A/S, DK
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[54] **ANTIVIRAL COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ANTIVIRALES ET PROCEDES**
[72] LAMB, RICHARD DALE, US
[72] LATTIMORE, TOM M., US
[71] RALCO NUTRITION, INC., US
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[54] **TREATMENT AND PREVENTION OF THE COMMON COLD USING POVIDONE-IODINE**
[54] **TRAITEMENT ET PREVENTION DU RHUME AU MOYEN DE POVIDONE-IODE**
[72] GOODALL, STEPHEN, AU
[72] MOLLOY, PETER, AU
[71] FIREBRICK PHARMA PTY LTD, AU
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[54] **MOLECULAR CONSTRUCTS AND USES THEREOF**
[54] **CONSTRUCTIONS MOLECULAIRES ET UTILISATIONS CORRESPONDANTES**
[72] BAKER, BRIAN, US
[72] HELLMAN, LANCE, US
[72] PIERCE, BRIAN, US
[72] WENG, ZHIPING, US
[71] THE UNIVERSITY OF NOTRE DAME DU LAC, US
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[54] **OPTICAL ASSEMBLIES WITH TILT-CONTROLLED MOUNTING OF AN OPTICAL ELEMENT IN A BARREL**
[54] **ENSEMBLES OPTIQUES AVEC MONTAGE A INCLINAISON CONTROLEE D'UN ELEMENT OPTIQUE DANS UN CYLINDRE**
[72] LAMONTAGNE, FREDERIC, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
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[54] **PRECISION CHEMICAL ABLATION AND TREATMENT OF TISSUES**
[54] **ABLATION CHIMIQUE DE PRECISION ET TRAITEMENT DE TISSUS**
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[72] SCHWARTZ, ROBERT, US
[71] TOTH, LANDY, US
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[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE**
[72] HOSHI, KIYOSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-01-20
[86] 2015-06-03 (PCT/JP2015/066049)
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[54] **BIOMARQUEURS DE LA MALADIE DE FABRY**
[72] OUDIT, GAVIN, CA
[72] MCMANUS, BRUCE M., CA
[72] HOLLANDER, ZSUZSANNA, CA
[72] WEST, MICHAEL L., CA
[71] UNIVERSITY OF BRITISH COLUMBIA, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[54] **BANDE A SUPPORT DE PUCE RFID ET COMPOSANT D'IDENTIFICATION**
[72] BOWMAN, JORDAN, US
[71] S.P.M. FLOW CONTROL, INC., US
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[54] **ZWITTERIONS DERIVES DE DISULFURE DE CARBONE**
[72] DALY, THOMAS P., US
[71] DALY, THOMAS P., US
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[54] **POLY(VINYL ACETATE) DISPERSION, AND PAINT FORMULATION COMPRISING THEREOF**
[54] **DISPERSION DE POLY(ACETATE DE VINYLE), ET FORMULATION DE PEINTURE LA CONTENANT**
[72] XU, JIANMING, CN
[72] CUI, WEI, CN
[72] ZHANG, QINGWEI, CN
[72] LI, LING, CN
[72] MA, DANPING, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
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[25] EN
[54] **APPARATUS AND METHOD FOR INCREASING BIOMASS PYROLYSIS AND GAS PRODUCTION SPEED AND OBTAINING NANO-SCALE SILICA MATERIAL**
[54] **APPAREIL ET PROCEDE D'AUGMENTATION DE LA PYROLYSE DE BIOMASSE ET DE LA VITESSE DE PRODUCTION DE GAZ ET D'OBTENTION D'UN MATERIAU DE SILICE DE TAILLE NANOMETRIQUE**
[72] CHEN, YILONG, CN
[72] ZHANG, YANFENG, CN
[72] HAN, XU, CN
[72] LI, HONG, CN
[72] TAO, LEIMING, CN
[71] ZHONGYING CHANGJIANG INTERNATIONAL NEW ENERGY INVESTMENT CO., LTD., CN
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[54] **SPECULUM COMPACT PEU OBSTRUCTIF**
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[72] DESHPANDE, SUDEEP, US
[71] ALFRED E. MANN INSTITUTE FOR BIOMEDICAL ENGINEERING AT THE UNIVERSITY OF SOUTHERN CALIFORNIA, US
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[54] **RECEPTEURS DE L'ANTIGENE CHIMERIQUE BCMA**
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[72] FRIEDMAN, KEVIN, US
[71] BLUEBIRD BIO, INC., US
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[30] US (62/028,664) 2014-07-24
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[25] EN
[54] **METHODS FOR PREPARING STABLE UREA FORMALDEHYDE POLYVINYL ALCOHOL COLLOIDS**
[54] **PROCEDES DE PREPARATION DE COLLOIDES D'ALCOOL POLYVINYLIQUE ET D'UREE-FORMALDEHYDE STABLES**
[72] ZHANG, YINGCHAO, US
[72] SNOVER, DAVID A., US
[71] HEXION INC., US
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[54] **ROUE EN ALUMINIUM COULE**
[72] CHENAULT III, H. CLAY, US
[72] HOOD, TIMOTHY WAYNE, US
[72] KAKAR, PARVEEN, US
[71] SUPERIOR INDUSTRIES INTERNATIONAL, INC., US
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[54] **PROCESS FOR MONITORING THE AUDIENCE IN A TARGETED REGION**
[54] **PROCESSUS DE SURVEILLANCE DU PUBLIC DANS UNE REGION CIBLEE**
[72] PRANDONI, PAOLO, FR
[72] DUIZABO, OLIVIER, FR
[72] NGUYEN-PHUC, KE-QUANG, FR
[71] QUIVIDI, FR
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[54] **RESEAU DE CAPTEURS PLANS**
[72] CHEN, HANCHI, AU
[72] ABHAYAPALA, PALLAGE THUSHARA, AU
[72] ZHANG, WEN, AU
[71] THE AUSTRALIAN NATIONAL UNIVERSITY, AU
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[25] EN
[54] **INTEGRAL ISOLATION VALVE SYSTEMS AND METHODS OF OPERATING SAME FOR LOSS OF COOLANT ACCIDENT (LOCA) PROTECTION**
[54] **SYSTEMES DE VANNE D'ISOLATION INTEGRALE ET PROCEDE DE FONCTIONNEMENT DE CEUX-CI POUR PROTECTION CONTRE UNE PERTE ACCIDENTELLE DE REFRIGERANT (LOCA)**
[72] KANUCH, DAVID J., US
[72] DIFILIPO, PAUL P., US
[71] BWXT MPOWER, INC., US
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[54] **BACHE POUR COUVRIR UN OBJET**
[72] VANTHOMME, DOMINIEK, BE
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[54] **APPAREIL DISTRIBUTEUR DOTE D'UNE PAIRE DE ROTORS A VIS S'INTERPENETRANT**
[72] WALLEY, DAVID MICHAEL, GB
[71] FISH ENGINEERING LIMITED, GB
[85] 2017-01-23
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[54] **VOIE DE SYNTHESE CHIMIQUE POUR APPLICATIONS DE BATTERIE LITHIUM-ION**
[72] CHANG, CHUN-CHIEH, US
[72] CHANG, TSUN YU, TW
[71] CHANGS ASCENDING ENTERPRISE CO., LTD., TW
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[25] EN
[54] **A METHOD FOR PRODUCING A HIGH STRENGTH STEEL PIECE**
[54] **PROCEDE DE FABRICATION D'UNE PIECE EN ACIER A HAUTE RESISTANCE**
[72] ARLAZAROV, ARTEM, FR
[71] ARCELORMITTAL, LU
[85] 2017-01-23
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[54] **SYSTEM AND METHOD FOR THE SAFE PROVISION OF OZONE**
[54] **SYSTEME ET PROCEDE POUR LA FOURNITURE D'OZONE EN TOUTE SECURITE**
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[72] NIV, DROR, IL
[71] DAVID, ELIYAHU, IL
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[25] EN
[54] **METHODS, CONTAINERS, AND SYSTEMS TO INCREASE SIDEWALL STRENGTH**
[54] **METHODES, CONTENANTS ET SYSTEMES DESTINES A AUGMENTER LA SOLIDITE DE PAROI LATERALE**
[72] PATCHEN, WILLIAM F., US
[72] FORBES, ALAN H., US
[71] PACTIV LLC, US
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[51] **Int.Cl. B05C 1/06 (2006.01) B05C 17/005 (2006.01)**
[25] EN
[54] **PAINT STORAGE DEVICE WITH REUSABLE APPLICATOR**
[54] **DISPOSITIF DE STOCKAGE DE PEINTURE DOTE D'UN APPLICATEUR REUTILISABLE**
[72] FEDDES, SCOTT, US
[71] FEDDES, SCOTT, US
[22] 2016-06-23
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[51] **Int.Cl. B29C 65/02 (2006.01)**
[25] EN
[54] **METHOD FOR WELDING TOGETHER TWO COMPONENTS MADE OF A THERMOPLASTIC LAYER COMPOSITE MATERIAL**
[54] **METHODE DE SOUDAGE DE DEUX COMPOSANTES FAITES D'UN MATERIAU COMPOSITE A COUCHE THERMOPLASTIQUE**
[72] HELTSCH, NORBERT, DE
[72] LINDE, PETER, DE
[71] AIRBUS OPERATIONS GMBH, DE
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[54] **SPOUT MOUNTING APPARATUS**
[54] **APPAREIL D'INSTALLATION DE BEC VERSEUR**
[72] TOTANI, MIKIO, JP
[71] TOTANI CORPORATION, JP
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[54] **PREPARATION OF POLYMERIC ARCUATE SADDLES**
[54] **PREPARATION DE BANDES CAVALIERES COURBEES EN POLYMERE**
[72] BOTSOLAS, CHRISTOS JOHN, JR., US
[72] REBHOLZ, JEFFREY J., US
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[54] **DEVICE FOR CONTROLLING THE RELEASE OF GAS FROM A PRESSURISED CONTAINER**
[54] **DISPOSITIF DE CONTROLE DE LA LIBERATION DE GAZ D'UN RECIPIENT SOUS PRESSION**
[72] CORNALL, STEPHEN J., GB
[72] MISTRY, HITESH L., GB
[71] KIDDE GRAVINER LIMITED, GB
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[25] EN
[54] **FIRE SUPPRESSION CONTROL SYSTEM FOR AN AIRCRAFT**
[54] **DISPOSITIF DE CONTROLE D'EXTINCTION D'INCENDIE DESTINE A UN AERONEF**
[72] SMITH, STUART M., GB
[72] RENNIE, PAUL A., GB
[72] GATSONIDES, JOSEPHINE G., GB
[71] KIDDE GRAVINER LIMITED, GB
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[54] **AIRCRAFT WITH FIRE SUPPRESSION CONTROL SYSTEM**
[54] **AERONEF EQUIPE D'UN SYSTEME DE CONTROLE D'EXTINCTION D'INCENDIE**
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[72] RENNIE, PAUL A., GB
[72] SMITH, STUART M., GB
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[25] EN
[54] **INFLATABLE LOUNGE CHAIR AND METHODS OF MANUFACTURING SAME**
[54] **CHAISE LONGUE GONFLABLE ET METHODE DE FABRICATION ASSOCIEE**
[72] OSIMO, PAUL, US
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[54] **INDICATING DEVICE FOR USE WITH A DISPENSING DEVICE**
[54] **DISPOSITIF INDICATEUR DESTINE A UN DISPOSITIF DE DISTRIBUTION**
[72] BLACKER, RICHARD, CA
[72] ENGELBRETH, DANIEL K., CA
[72] SCHMIDT, JAMES N., CA
[71] TRUDELL MEDICAL INTERNATIONAL, CA
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[54] **7-NONSUBSTITUTED INDOLE MCL-1 INHIBITORS**
[54] **INHIBITEURS MCL-1 INDOLE 7-NON-SUBSTITUES**
[72] BRUNCKO, MILAN, US
[72] SONG, XIAOHONG, US
[72] DING, HONG, US
[72] TAO, ZHI-FU, US
[72] KUNZER, AARON R., US
[72] MADAR, DAVID, US
[72] SOUERS, ANDREW J., US
[72] ELMORE, STEVEN W., US
[72] PARK, CHEOL-MIN, US
[72] WANG, XILU, US
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[54] **COMPOSITIONS COMPRISING 1,1,1,2,3-PENTAFLUOROPROPANE OR 2,3,3,3- TETRAFLUOROPROPENE**
[54] **COMPOSITIONS COMPRENANT DU 1,1,1,2,3-PENTAFLUOROPROPANE OU DU 2,3,3,3- TETRAFLUOROPROPENE**
[72] MAHLER, BARRY ASHER, US
[72] NAPPA, MARIO JOSEPH, US
[72] KNAPP, JEFFREY P., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[25] EN
[54] **SYSTEM FOR MONITORING AND / OR CONTROLLING EQUIPMENT IN A HAZARDOUS AREA**
[54] **SYSTEME DE SURVEILLANCE ET/OU DE COMMANDE D'UN MATERIEL DANS UNE ZONE DANGEREUSE**
[72] DANTAS, ROY J., CA
[71] SNAP-ON TOOLS OF CANADA, LTD., CA
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[25] EN
[54] **MOTORIZED GIFT CARD HOLDERS**
[54] **ETUIS POUR CARTES-CADEAUX MOTORISES**
[72] BEGIN, ANTHONY, US
[72] MAYER, DAVID, US
[72] HUGHES, TERRY, US
[72] GUO, JERRY, CN
[72] QIAO, TIGER, CN
[72] TALBOT, JOHN, US
[72] SHLONSKY, LYNNE, US
[72] SPECK, KATALINA, US
[72] MASON, SARAH, US
[72] MARSH, ALLISON, US
[72] ZHANG, DONALD, CN
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[54] **ETUIS POUR CARTES-CADEAUX MOTORISES**
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[72] MAYER, DAVID, US
[72] HUGHES, TERRY, US
[72] GUO, JERRY, CN
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[72] TALBOT, JOHN, US
[72] SHLONSKY, LYNNE, US
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[72] MARSH, ALLISON, US
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[54] **ENSEMBLE DE RETENUE MULTICOUCHE**
[72] THOMA, MICHAEL, US
[72] GILBERT, DANNY L., US
[72] SMIDLER, FRANCIS S., US
[71] WABASH NATIONAL, L.P., US
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[54] **REVERSING PROPULSION DEVICE FOR WATERCRAFT**
[54] **DISPOSITIF DE PROPULSION A INVERSION POUR NAVIRE**
[72] KETTERMAN, GREGORY SCOTT, US
[72] CZARNOWSKI, JAMES TAYLOR, US
[72] KARDAS, JASON CHRISTOPHER, US
[72] DOW, PHILIP JAMES, US
[71] HOBIE CAT COMPANY, A MISSOURI CORPORATION, US
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[54] **DISPOSITIF ET PROCEDE VISANT A AMELIORER LA FONCTION D'UNE VALVULE CARDIAQUE**
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[71] MEDTENTIA INTERNATIONAL LTD OY, FI
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[54] **UTILITY CHAIN CUTTER**
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[72] BAILEY, CHARLIE, US
[72] GERLACH, TODD, US
[71] BLOUNT, INC., US
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[72] YOON, DAE JUNG, US
[72] TANG, YANG, US
[71] INTEL IP CORPORATION, US
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[54] **MAINTIEN DE L'INFORMATION DE CONTEXTE ENTRE DES INTERACTIONS UTILISATEURS AVEC UN ASSISTANT VOCAL**
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[72] GUZZONI, DIDIER RENE, CH
[72] GRUBER, THOMAS ROBERT, US
[72] BRIGHAM, CHRISTOPHER DEAN, US
[72] KITTLAUS, DAG, US
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[71] BROCK INTERNATIONAL, US
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[54] **ELECTRONIC CONTROL SYSTEM FOR ELECTRIC WATER HEATER**
[54] **SYSTEME DE COMMANDE ELECTRIQUE POUR CHAUFFE-EAU ELECTRIQUE**
[72] CHAUDHRY, RAHEEL A., US
[72] MACIULEWICZ, STEPHEN M., US
[72] BOROS, JOZEF, US
[71] RHEEM MANUFACTURING COMPANY, US
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[54] **SYSTEMS AND METHODS FOR FLUID DELIVERY**
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION DE FLUIDES**
[72] KAMEN, DEAN, US
[72] KERWIN, JOHN M., US
[72] GRAY, LARRY B., US
[72] MANDRO, MARC A., US
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[54] **EVALUATION CARDIOMECANIQUE PAR ULTRASONS**
[72] GOVARI, ASSAF, IL
[72] LEVIN, ALEXANDER, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[71] BIOSENSE WEBSTER, INC., US
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[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/00 (2006.01) A61F 2/02 (2006.01)**
[25] EN
[54] **CARDIAC VALVE DOWNSIZING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE REDUCTION DE TAILLE DE VALVE CARDIAQUE**
[72] KERANEN, OLLI, SE
[72] ANTONSSON, PER, SE
[71] MEDTENTIA INTERNATIONAL LTD. OY, FI
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[54] **ELECTRICALLY CONDUCTIVE MATERIALS FORMED BY ELECTROPHORESIS**
[54] **MATERIAUX ELECTROCONDUCTEURS FORMES PAR ELECTROPHORESE**
[72] BURNHAM, KENNETH, US
[72] SKOV, RICHARD, US
[71] FLEXCON COMPANY, INC., US
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[51] **Int.Cl. F16L 39/00 (2006.01) F16L 9/18 (2006.01) F16L 33/24 (2006.01)**
[25] EN
[54] **PIPE END FITTING WITH IMPROVED VENTING**
[54] **FIXATION D'EXTREMITE DE TUYAU A VENTILATION AMELIOREE**
[72] HEGLER, MATTHEW ALLEN, US
[72] HEATON, ANDREW JAMES, GB
[71] FLEXSTEEL PIPELINE TECHNOLOGIES, INC., US
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[51] **Int.Cl. G06F 12/16 (2006.01) G06F 11/14 (2006.01)**
[25] EN
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[54] **SYSTEME ET PROCEDE POUR LA PROTECTION HAUTE PERFORMANCE DE DONNEES D'ENTREPRISE**
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[72] ACHARYA, SOUBIR, US
[71] CATALOGIC SOFTWARE, INC., US
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[51] **Int.Cl. C12N 9/02 (2006.01) C12N 15/53 (2006.01) C12N 15/63 (2006.01)**
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[54] **CYTOCHROME P450S AND USES THEREOF**
[54] **CYTOCHROMES P450 ET LEURS UTILISATIONS**
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[72] RALSTON, LYLE F., US
[71] UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION, US
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[13] A1
[51] **Int.Cl. C12N 5/074 (2010.01) C12N 5/071 (2010.01)**
[25] EN
[54] **METHODS FOR THE PRODUCTION OF IPS CELLS USING NON-VIRAL APPROACH**
[54] **PROCEDES POUR LA PRODUCTION DE CELLULES SPI A L'AIDE D'UNE APPROCHE NON VIRALE**
[72] MACK, AMANDA, US
[72] THOMSON, JAMES, US
[71] CELLULAR DYNAMICS INTERNATIONAL, INC., US
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[51] **Int.Cl. G06F 17/30 (2006.01) G06F 21/60 (2013.01) G06F 9/44 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **API VERSION TESTING BASED ON QUERY SCHEMA**
[54] **TEST DE VERSION D'API REPOSANT SUR UN SCHEMA DE REQUETE**
[72] SCHROCK, NICHOLAS HAGE, US
[72] BYRON, LEE WILLIAMS, US
[72] SCHAFER, DANIEL L., US
[71] FACEBOOK, INC., US
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[25] EN
[54] **NARROW LINE-WIDTH LASER CHARACTERIZATION BASED ON BI-DIRECTIONAL PUMPED BRILLOUIN RANDOM FIBER LASER**
[54] **CARACTERISATION DE LASER A LARGEUR DE RAIE ETROITE BASEE SUR UN LASER DE FIBRE ALEATOIRE DE BRILLOUIN POMPE BIDIRECTIONNEL**
[72] OU, ZHONGHUA, CA
[72] BAO, XIAOYI, CA
[72] CHEN, LIANG, CA
[72] LI, YANG, CA
[71] UNIVERSITY OF OTTAWA, CA
[22] 2014-10-16
[41] 2015-12-03
[62] 2,948,974
[30] US (62/004,265) 2014-05-29
[30] US (14/514,484) 2014-10-15

[21] **2,955,091**
[13] A1
[51] **Int.Cl. E05F 5/00 (2017.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR EXTENDING DOOR BRAKE LIFESPAN**
[54] **APPAREIL ET PROCEDE POUR PROLONGER LA DUREE UTILE D'UN FREIN DE PORTE**
[72] LUEKER, DAVID, US
[71] CORNELL IRONWORKS ENTERPRISES, US
[22] 2014-08-15
[41] 2015-02-28
[62] 2,859,446
[30] US (14/012,860) 2013-08-28

[21] **2,955,107**
[13] A1
[51] **Int.Cl. E21B 19/00 (2006.01) E21B 19/06 (2006.01) E21B 29/00 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **OIL WELL PLUG AND ABANDONMENT METHOD**
[54] **BOUCHON DE PUITS DE PETROLE ET PROCEDE D'ABANDON**
[72] MIRE, MICHAEL, US
[71] GULFSTREAM SERVICES, INC., US
[22] 2009-05-11
[41] 2009-11-12
[62] 2,723,815
[30] US (61/059,127) 2008-06-05
[30] US (61/051,962) 2008-05-09

[21] **2,955,163**
[13] A1
[51] **Int.Cl. B26B 27/00 (2006.01)**
[25] EN
[54] **VEHICLE GLAZING PANEL CUT OUT APPARATUS AND TECHNIQUE**
[54] **DECOUPAGE DE PANNEAU DE VITRAGE DE VEHICULE ET TECHNIQUE ASSOCIEE**
[72] FINCK, WILLIAM, GB
[71] BELRON HUNGARY KFT-ZUG BRANCH, CH
[22] 2009-11-26
[41] 2010-06-17
[62] 2,745,057
[30] GB (0822316.6) 2008-12-08

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[13] A1
[51] **Int.Cl. A61B 1/008 (2006.01) A61B 1/00 (2006.01) A61B 1/005 (2006.01) A61B 1/018 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **FLEXIBLE ENDOSCOPE SYSTEM AND FUNCTIONALITY**
[54] **SYSTEME ET FONCTIONNALITE D'ENDOSCOPE SOUPLE**
[72] TERLIUC, GAD, IS
[72] LURIA, GILAD, IL
[72] SHAFRAN, OHAD, IL
[71] SMART MEDICAL SYSTEMS LTD., IL
[22] 2007-05-17
[41] 2007-11-29
[62] 2,910,478
[30] US (60/801,057) 2006-05-18
[30] US (60/801,058) 2006-05-18
[30] US (60/801,093) 2006-05-18
[30] US (60/840,006) 2006-08-25
[30] US (60/873,261) 2006-12-07
[30] US (60/873,262) 2006-12-07

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[13] A1
[51] **Int.Cl. H04W 4/02 (2009.01) H04W 4/12 (2009.01)**
[25] EN
[54] **INTERACTIVE ADVISORY SYSTEM FOR PRIORITIZING CONTENT**
[54] **SYSTEME-CONSEIL INTERACTIF POUR DONNER LA PRIORITE A UN CONTENU**
[72] ROOT, STEVEN A., US
[72] ROOT, MICHAEL R., US
[71] LOCATOR IP, LP, US
[22] 2008-02-21
[41] 2008-08-28
[62] 2,716,206
[30] US (11/710,346) 2007-02-23

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[51] **Int.Cl. G06F 17/00 (2006.01) G06Q 30/02 (2012.01) G06F 15/18 (2006.01)**
[25] EN
[54] **GEOGRAPHICALLY LOCALIZED RECOMMENDATIONS IN A COMPUTING ADVICE FACILITY**
[54] **RECOMMANDATIONS GEOGRAPHIQUEMENT LOCALISEES DANS UNE INSTALLATION DE CONSEIL INFORMATIQUE**
[72] PINCKNEY, THOMAS, US
[72] DIXON, CHRISTOPHER, US
[72] GATTIS, MATTHEW RYAN, US
[71] EBAY INC., US
[22] 2012-01-05
[41] 2012-07-12
[62] 2,823,693
[30] US (61/430,318) 2011-01-06
[30] US (61/438,684) 2011-02-02
[30] US (61/477,276) 2011-04-20
[30] US (13/155,964) 2011-06-08

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[13] A1
[51] **Int.Cl. G01N 23/04 (2006.01)**
[25] EN
[54] **EXTENDED FIELD ITERATIVE RECONSTRUCTION TECHNIQUE (EFIRT) FOR CORRELATED NOISE REMOVAL**
[54] **TECHNIQUE DE RECONSTRUCTION ITERATIVE DE CHAMP ETENDU (EFIRT) DESTINEE A UNE SUPPRESSION DE BRUITS CORRELES**
[72] MAHMOOD, FAISAL, JP
[72] OFVERSTEDT, LARS-GORAN WALLENTIN, JP
[72] SKOGLUND, BO ULF, JP
[71] OKINAWA INSTITUTE OF SCIENCE AND TECHNOLOGY SCHOOL CORPORATION, JP
[22] 2014-03-05
[41] 2014-09-18
[62] 2,900,004
[30] US (61/779,116) 2013-03-13

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[51] **Int.Cl. G03G 15/06 (2006.01)**
[25] EN
[54] **DEVELOPER SUPPLY CONTAINER AND DEVELOPER SUPPLYING SYSTEM**
[54] **CONTENANT DE REMPLISSAGE DE DEVELOPPATEUR ET SYSTEME DE REMPLISSAGE DE DEVELOPPATEUR**
[72] MURAKAMI, KATSUYA, JP
[72] NAGASHIMA, TOSHIAKI, JP
[72] TAZAWA, FUMIO, JP
[72] OKINO, AYATOMO, JP
[72] YAMADA, YUSUKE, JP
[71] CANON KABUSHIKI KAISHA, JP
[22] 2010-03-30
[41] 2010-10-07
[62] 2,757,329
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[21] **2,955,522**
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[51] **Int.Cl. H04W 4/02 (2009.01) H04L 12/16 (2006.01) H04W 52/02 (2009.01)**
[25] EN
[54] **DYNAMIC DUTY-CYCLING OF PROCESSOR OF MOBILE DEVICE BASED ON OPERATING CONDITION OF MOBILE DEVICE**
[54] **PROCEDE POUR L'EXECUTION D'UN CYCLE DE SERVICE DYNAMIQUE SUR LE PROCESSEUR D'UN DISPOSITIF MOBILE EN FONCTION DE LA CONDITION OPERATIONNELLE DU DISPOSITIF MOBILE**
[72] PAPAKIPOS, MATTHEW NICHOLAS, US
[72] PROCTOR, IAIN ANDREW RUSSELL, US
[71] FACEBOOK, INC., US
[22] 2013-03-05
[41] 2013-09-12
[62] 2,866,158
[30] US (13/416,975) 2012-03-09

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[13] A1
[51] **Int.Cl. B42D 25/328 (2014.01) B42D 25/373 (2014.01) B42D 25/40 (2014.01) G03H 1/26 (2006.01)**
[25] EN
[54] **SECURITY ELEMENT AND METHOD FOR PRODUCING A SECURITY ELEMENT**
[54] **ELEMENT DE SECURITE ET PROCEDE DE FABRICATION D'UN ELEMENT DE SECURITE**
[72] TOMPKIN, WAYNE ROBERT, CH
[72] LUTZ, NORBERT, DE
[72] BURKHARDT, MARKUS, DE
[72] SCHARFENBERG, MICHAEL, DE
[71] LEONHARD KURZ STIFTUNG & CO. KG, DE
[22] 2009-04-02
[41] 2009-10-08
[62] 2,719,566
[30] DE (10 2008 017 652.4) 2008-04-08

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[13] A1
[51] **Int.Cl. C12M 1/26 (2006.01) C12M 1/28 (2006.01) C12Q 1/00 (2006.01) C12N 1/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR REPLICATING ARRAYS OF CELL COLONIES**
[54] **PROCEDE ET DISPOSITIF POUR REPLIQUER DES RESEAUX DE COLONIES DE CELLULES**
[72] KUZAN, PAWEL, CA
[72] BOONE, CHARLES, CA
[71] ENGINEERING SERVICES INC., CA
[71] BOONE, CHARLES, CA
[22] 2004-09-30
[41] 2005-04-07
[62] 2,540,732
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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **DIGITAL CONSUMER DATA MODEL AND CUSTOMER ANALYTIC RECORD**
[54] **MODELE DE DONNEES DE CONSOMMATEUR NUMERIQUE ET DOSSIER D'ANALYSE DES CLIENTS**
[72] BOHE, ASTRID, DE
[72] CERVINI, GIANLUCA, IT
[72] ZOBI, GIANLUCA, IT
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2013-02-27
[41] 2013-08-27
[62] 2,808,096
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[13] A1
[51] **Int.Cl. B67D 1/08 (2006.01) G06F 3/0488 (2013.01) A47J 31/44 (2006.01)**
[25] EN
[54] **TOUCH SCREEN FOR A BEVERAGE DISPENSING SYSTEM**
[54] **ECRAN TACTILE POUR UN SYSTEME DE DISTRIBUTION DE BOISSON**
[72] HERNANDEZ, GEORGE E., US
[72] HONG, JEREMIAH A., US
[71] LANCER CORPORATION, US
[22] 2013-12-17
[41] 2014-07-03
[62] 2,892,250
[30] US (61/848,216) 2012-12-27
[30] US (14/107,136) 2013-12-16

[21] **2,955,714**
[13] A1
[51] **Int.Cl. B67D 1/08 (2006.01) G06F 3/0481 (2013.01) G06F 3/0488 (2013.01) A47J 31/44 (2006.01)**
[25] EN
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[54] **ECRAN TACTILE POUR UN SYSTEME DE DISTRIBUTION DE BOISSON**
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[72] HONG, JEREMIAH A., US
[71] LANCER CORPORATION, US
[22] 2013-12-17
[41] 2014-07-03
[62] 2,892,250
[30] US (61/848,216) 2012-12-27
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[21] **2,955,715**
[13] A1
[51] **Int.Cl. B67D 1/08 (2006.01) G06F 3/0488 (2013.01) A47J 31/44 (2006.01)**
[25] EN
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[72] HERNANDEZ, GEORGE E., US
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[71] LANCER CORPORATION, US
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[13] A1
[51] **Int.Cl. E21B 19/00 (2006.01) E21B 19/07 (2006.01) E21B 19/10 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **ELECTRONIC CONTROL SYSTEM FOR A TUBULAR HANDLING TOOL**
[54] **SYSTEME DE COMMANDE ELECTRONIQUE POUR UN OUTIL DE MANIPULATION DE TUBULURE**
[72] WIEDECKE, MICHAEL, DE
[72] THIEMANN, BJOERN, DE
[72] HEIDECKE, KARSTEN, DE
[72] LIESS, MARTIN, DE
[72] HELMS, MARTIN, DE
[72] HOOKER, JOHN D., II, DE
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2011-12-15
[41] 2012-06-21
[62] 2,819,155
[30] US (61/424,575) 2010-12-17
[30] US (61/516,609) 2011-04-05

[21] **2,955,777**
[13] A1
[51] **Int.Cl. E21B 19/07 (2006.01) E21B 19/10 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **ELECTRONIC CONTROL SYSTEM FOR A TUBULAR HANDLING TOOL**
[54] **SYSTEME DE COMMANDE ELECTRONIQUE POUR UN OUTIL DE MANIPULATION DE TUBULURE**
[72] WIEDECKE, MICHAEL, US
[72] THIEMANN, BJOERN, US
[72] HEIDECKE, KARSTEN, US
[72] LIESS, MARTIN, US
[72] HELMS, MARTIN, US
[72] HOOKER, JOHN D., II, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2011-12-15
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[30] US (61/424,575) 2010-12-17
[30] US (61/516,609) 2011-04-05

[21] **2,955,889**
[13] A1
[51] **Int.Cl. F16L 23/036 (2006.01) F16B 37/04 (2006.01) F16B 39/282 (2006.01)**
[25] EN
[54] **FLANGE ASSEMBLY WITH IMPROVED SERVICEABILITY**
[54] **ENSEMBLE A BRIDE PRESENTANT UNE FONCTIONNALITE AMELIOREE**
[72] UNKNOWN, ZZ
[71] SPECIALTY INNOVATION AND MANUFACTURING LIMITED, CA
[22] 2009-04-06
[41] 2009-10-08
[62] 2,720,477
[30] US (61/042,364) 2008-04-04
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BACHELDER, ERIC 2,955,441
BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION, INC. 2,955,144
BAEK, SUNG YOON 2,955,397
BAGNELL, JON 2,951,106
BAI, JINGWEI 2,955,356
BAIGA, THOMAS J. 2,942,403
BAILEY, IAN 2,951,389
BAIRD, LEEMON C., III 2,955,616
BAK, HANNE 2,955,618
BAKER HUGHES INCORPORATED 2,955,076
BAKER, BRIAN 2,955,984
BAKER, CHERYL 2,955,384
BAKERY SUPPLIES EUROPE HOLDING B.V. 2,955,341
BAKKUM, MAURITS CHRSTIAAN 2,951,777
BALDASARO, NICHOLAS GUY 2,955,548
BALES, STEPHEN R. 2,953,464
BALLINGER, KENNETH E., JR. 2,955,932
BALZER, WILLIAM BRADLEY 2,955,969
BAMBER, ANDREW SHERLIKER 2,955,636
BAMBER, ANDREW SHERLIKER 2,955,693
BANGARU, DILIP 2,955,679
BARBARULO, REMI 2,952,106
BARBIER-NEVEU, CLELIA ANTOINETTE 2,950,263
BARCO, INC. 2,955,929
BARCO, INC. 2,955,935
BARCO, INC. 2,955,942
BARDELEBEN, MICHAEL 2,955,854
BARJON, CLEMENT 2,950,413
BARKER, LEVI 2,954,655
BARKER, SARAH L. 2,955,039
BARNES, ANDREW PHILIP 2,949,416
BARNES, GALE JEFFREY 2,948,627
BARNES, JEFFERY R. 2,954,885
BARNES, MICHAEL 2,955,156
BARNES, THOMAS MICHAEL 2,955,481
BARRET, HELENE MARIE 2,949,597
BARRON, BRENT 2,955,218
BARTIROMO, MARCO 2,953,411
BARTLETT, JOHN 2,955,141
BARTON, WAYNE 2,948,990
BARTUCCI, JOHN 2,955,795
BARTUCCI, JOHN 2,955,797
BASF AGRO B.V. 2,951,177
BASF CORPORATION 2,955,189
BASF CORPORTION 2,955,817
BASF SE 2,951,064
BASF SE 2,951,589
BASF SE 2,955,900
BASF SE 2,955,955
BAUDIA, CHRISTOPHE 2,955,212
BAUDUIN, LIONEL 2,949,194
BAUMEISTER, JUDITH 2,948,945
BAUMGARTE, JOSEPH WAYNE 2,955,354
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 2,948,713
BAYYOUK, JACOB A. 2,955,673
BAYYOUK, JACOB A. 2,955,814
BAYYOUK, JACOB A. 2,955,818
BAYYOUK, JACOB A. 2,955,829
BEASLEY, TODD 2,955,622
BEAUJARD, ANTOINE JEAN-PHILIPPE 2,951,014
BEAULIEU GROUP, LLC 2,955,805
BEAUPRE, DARRIN 2,955,744
BEAVER, SCOTT W. 2,955,188
BECARD, GUILLAUME 2,950,848
BECARD, GUILLAUME 2,951,018
BECK, MARKUS 2,948,594
BECKER, FLORIAN 2,949,294
BECKER, MARK H. 2,955,188
BECKER, WILLIAM JOSHUA 2,952,480
BECTON DICKINSON FRANCE 2,949,881
BECTON DICKINSON HOLDINGS PTE LTD 2,955,591
BECTON DICKINSON HOLDINGS PTE LTD 2,955,593
BEERNINK, PETER T. 2,955,802
BEIM, PIRAYE YURTTAS 2,954,895
BEJANIN, STEPHANE 2,949,412
BELL, CHARLES H., JR. 2,955,763
BELL, CHRISTOPHER RAY 2,955,687
BELLUCCI, REMO 2,948,887
BEN JAZIA DALLEL, DORRA 2,949,412
BEN-MOSHE, MATTI 2,955,161
BENBANASTE, VIKTOR 2,951,740
BENJELLOUN MLAYAH, BOUCHRA 2,950,467
BENSSOUSSAN, REGIS JAQUES 2,951,777
BENTZEN, AMALIE KAI 2,951,325
BERGMEIER, STEPHEN C. 2,955,582
BERNAL, ANDRES 2,955,316
BERNAUER, DOMINIQUE 2,955,642
BERNHARD, KAY 2,949,294
BERNHARD, NICOLAI 2,955,556
BERNSTEIN, IRWIN D. 2,949,981
BERRY, RICHARD 2,955,248
BERZOFSKY, JAY A. 2,955,432
BES, LAURENCE 2,951,339
BETZ, KERRY 2,955,546
BEUTERBAUGH, AARON M. 2,955,342
BEUTERBAUGH, AARON MICHAEL 2,955,945
BEVENSEE, ERICH 2,949,682
BEWICK-SONNTAG, CHRISTOPHER PHILIP 2,948,887
BEZARES BOLULLO, JORGE 2,950,039
BEZLEPKIN, VLADIMIR VIKTOROVICH 2,955,688
BFS BETONFERTIGTEILESYSTEME GMBH 2,951,745
BHANSALI, MAYA 2,952,191
BHUSHAN, NAGA 2,953,596
BIANCHI, ANDREA TEODORO 2,951,607
BIANCHI, KEITH 2,955,186
BIC-VIOLEX SA 2,955,728
BIC-VIOLEX SA 2,955,729
BIC-VIOLEX SA 2,955,731
BIDDULPH, CHRIS 2,951,106
BILLINGS, DAN 2,955,602
BINOT, NICOLAS 2,951,574
BIOCOGENT, LLC 2,955,408
BIOCURITY HOLDINGS, INC. 2,955,384
BIOFEEDBACK SYSTEMS DESIGN, LLC 2,952,846
BIOINVENT INTERNATIONAL AB 2,948,834
BIOPRACT GMBH 2,951,582
BIOVENTURES, LLC. 2,955,972
BIRD, ROWENA JACQUELINE 2,946,816
BIRD, ROWENA JACQUELINE 2,946,819
BISHOP, JONATHAN J. 2,955,079
BIZET, STEPHANE 2,951,486
BLACK CAT BLADES LTD. 2,955,419
BLAGOJEVIC, STEVAN 2,955,319
BLANCHARD, CATLYN E. 2,952,111
BLASO MORENO, BERNAT 2,949,182
BLATT, LAWRENCE M. 2,955,604
BLEICHERT AUTOMATION GMBH & CO. KG 2,949,169
BLOHOWIAK, AARON PETER 2,952,461
BLOMGREN, FREDRIK 2,950,460
BLONDE, LAURENT 2,952,710
BLUE PHOTON TECHNOLOGY & WORKHOLDING SYSTEMS L.L.C. 2,955,602
BLUEBIRD BIO, INC. 2,956,002
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM 2,955,039
BODEGOM VAN, ROBERT CORNELIS 2,955,874
BOEHRINGER INGELHEIM VETMEDICA, INC. 2,943,816
BOGARD, PATRICK 2,955,740
BOGER, DALE L. 2,954,653
BOGGAVARAPU, DEEPAK 2,955,640
BOLLINGER, SHANE A. 2,949,065
BOLYMEDIA HOLDINGS CO. LTD. 2,955,858
BOMZE, DANIEL S. 2,955,628
BOMZE, HOWARD A. 2,955,628
BONGE, NICHOLAS JAY, JR. 2,955,810
BONHOURE, FABIEN 2,949,881
BONNEAU, CEDRIC 2,949,000
BONNEAU, JEAN-PIERRE 2,949,000

BONNEAU, MICHAEL 2,949,000
BONNEAU, VINCENT 2,949,000
BONS, PETER 2,952,099
BOOMER, KENT 2,955,199
BOOMER, KENT 2,955,598
BORGER, ANDREAS 2,948,948
BOSCHER, DAVID 2,952,322
BOSTON SCIENTIFIC NEUROMODULATION CORPORATION 2,953,578
BOSVELD, PAUL 2,955,371
BOSZULAK, WLADISLAWA 2,950,806
BOTTLANG, MICHAEL 2,955,718
BOUDES, POL 2,951,280
BOUDREAUX, CHASE J. 2,955,293
BOUGEROL, RICHARD 2,951,108
BOUIX, HERVE F. 2,955,190
BOURHIS, ANDREW M. 2,952,846
BOUSQUET, MARC 2,954,908
BOUTEILLER, XAVIER 2,949,746
BOUTELL, JONATHAN MARK 2,950,833
BOUTROS, PAUL 2,955,141
BOUTROS, PAUL C. 2,955,147
BOWLEY, RYAN THOMAS 2,952,104
BOWMAN, BRYAN K. 2,955,946
BOWMAN, JORDAN 2,955,993
BOWMAN, LEIF N. 2,953,582
BOWTECH, INC. 2,951,901
BOWTECH, INC. 2,952,256
BOYANOV, BOYAN 2,955,356
BOYD, MATT 2,955,199
BOYD, MATT 2,955,598
BOYLE, PATRICK DEVIN 2,951,702
BOZENA, KAMINSKA 2,949,589
BOZIKIS, IOANNIS 2,955,729
BRABANDT, JORG 2,951,324
BRAHM, LUTZ 2,951,177
BRALET, NICOLAS 2,949,881
BRAMMER, S. THOMAS 2,955,293
BRETT, PETER STUART 2,949,416
BREVIK, OYVIND 2,951,765
BREWER, JOSEPH 2,955,313
BRICKL, JEFFREY J. 2,949,290
BRIGHAM, MICHAEL EDWARD 2,955,347
BRIGHT, EARL, II 2,955,939
BRINKHORST, JOHANNES 2,951,983
BROCK, MARTIN 2,950,010
BROGDON, JENNIFER 2,955,386
BROIDE, RON S. 2,947,006
BROMAN, CALVIN THEODORE 2,948,852
BROOKINS, ROBERT NEAL 2,951,362
BROOKS, JAMES E. 2,955,262
BROOME, JOHN TODD 2,955,579
BROWN, GARRETT W. 2,954,656
BROWN, RANDALL W. 2,955,218
BROWN, ROLAND R. 2,955,448
BROWN, RYAN HAL 2,955,300
BROWN, TYLER J. 2,949,111
BRUHNKE, ULRICH 2,952,090
BRUMMER, MIRKO 2,951,183
BRUNNER, VALERIE 2,946,829
BUCHHOLZ, FRANK 2,951,772
BUCHWALD, STEPHEN L. 2,955,232
BUCKLEY, CHRISTOPHER P. 2,955,814
BUCKRELL, ANDREW 2,955,854
BUEHLER, ERIK 2,952,646
BUEHLER, FREDERIC 2,948,742
BUHLER, SEBASTIAN 2,949,294
BULKOWSKA, URSZULA 2,947,134
BURCHARD, EWA 2,947,134
BURCKARD, ANTOINE 2,953,443
BURK, PATRICK 2,955,817
BURKE, JOSEPH 2,955,346
BURKLE, STEVE 2,955,047
BUSBY, JEFF 2,955,199
BUSBY, JEFF 2,955,598
BUSSON, PIERRE 2,950,413
BUTIN, YANNICK 2,955,642
BUTTAZZONI, LUCA 2,955,316
BUYSE, MARIE-ANGE 2,948,945
BWXT MPOWER, INC. 2,956,018
BYE, RANDALL E. 2,953,297
BYRNE, JOSEPH H. 2,955,673
BYRNE, JOSEPH H. 2,955,814
BYRNE, RICHARD BAXTER 2,955,224
C&J SPEC-RENT SERVICES, INC. 2,955,343
C.C. JENSEN A/S 2,949,299
C2SENSE LLC 2,955,168
CAI, ZHE 2,954,872
CALDERONE, ROBERTO ANGELO 2,951,447
CALIFORNIA INSTITUTE OF TECHNOLOGY 2,955,546
CALLEGARI, ANDRES C. 2,955,444
CALVARESE, RUSSELL E. 2,955,358
CALYPSO BIOTECH SA 2,952,140
CAMPANINI, ALICE 2,950,234
CAMPBELL, DANIEL 2,946,816
CANADIAN BANK NOTE COMPANY, LIMITED 2,955,514
CANALS ALMAZAN, IGNACIO 2,955,914
CANDELA, ROBERTO 2,955,418
CANDRY, PATRICK 2,955,929
CANDRY, PATRICK 2,955,935
CANDRY, PATRICK 2,955,942
CANTER, JEFFREY B. 2,955,144
CANTINI, JURY 2,950,066
CAPE, SAMUEL M. 2,955,372
CAPOZZELLA, PAOLO 2,950,066
CAPUTI, MARIANGELA 2,948,887
CARDENAS, CONSTANZA 2,954,876
CARL FREUDENBERG KG 2,949,727
CARL FREUDENBERG KG 2,951,588
CARLSBERG BREWERIES A/S 2,949,921
CAROLINA COLOR CORPORATION 2,955,443
CARONIA, PAUL J. 2,952,426
CARONIA, PAUL J. 2,952,427
CARRASCO, MILTON 2,955,667
CARRETTA, ROBERTO 2,955,556
CASA MARISTAS AZTERLAN 2,951,268
CASEY, PATRICK J. 2,955,157
CASTROL LIMITED 2,949,416
CATHELINE, SEBASTIEN 2,952,238
CATTANEO, CARLO 2,951,327
CATTANEO, CARLO 2,951,328
CATTANEO, CARLO 2,951,329
CAUWENBERGHS, SANDRA 2,948,842
CAVE, JOHN EDWARD 2,955,181
CB THERAPEUTICS, INC. 2,955,788
CCR TECHNOLOGIES, LTD. 2,955,834
CECCOLI, JOSEPH D. 2,955,408
CEDARS-SINAI MEDICAL CENTER 2,955,666
CELLUFORCE INC. 2,955,248
CELLVAX 2,950,413
CELMATIX INC. 2,954,895
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,949,412
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,951,003
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,950,848
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,951,018
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE-CNRS- 2,950,413
CERES, INC. 2,955,191
CERMAG COMERCIAL IMPORTADORA E EXPORTADORA LTDA. 2,913,361
CERMAQ GROUP AS 2,951,765
CFPH, LLC 2,953,796
CHAE, SANG EUN 2,955,397
CHAKRABORTY, TIRTHA 2,955,375
CHALOUHI, OLIVIER 2,952,461
CHAMPEL, MARY-LUC 2,953,751
CHAN, ANDREA 2,949,242
CHAN, ARVIN Z. 2,955,181
CHAN, STEVEN CHI KIT 2,955,667
CHANDA, SUSHMITA MUKHERJEE 2,955,604
CHANG, BETTY 2,955,744
CHANG, CHIEN-HSING 2,955,254
CHANG, CHUN-CHIEH 2,956,031
CHANG, JENG-SHENG 2,955,214
CHANG, JIANHUI 2,955,972
CHANG, JOHN Y. 2,955,605
CHANG, JOHN Y. 2,955,939
CHANG, TSUN YU 2,956,031
CHANGS ASCENDING ENTERPRISE CO., LTD. 2,956,031
CHANGZHOU GLOBE CO., LTD. 2,955,103
CHARLES, STEVEN T. 2,947,630
CHASE, DAVID 2,955,616
CHATTERJEE, JOON 2,955,453
CHATTERJEE, ROGER 2,952,431
CHAUHAN, ANUJ 2,955,964
CHDI FOUNDATION, INC. 2,955,379
CHEE, SEOK WOO 2,951,015
CHEFD'HOTEL, CHRISTOPHE 2,955,156
CHEMBURKAR, SANJAY R. 2,955,256
CHEMETALL GMBH 2,952,099

CHEMETICS INC. 2,951,389
CHEMETICS INC. 2,951,455
CHEMNITZ, JAN 2,951,772
CHEN, CHENG-YAO 2,955,356
CHEN, CHIEH HSIAO 2,949,264
CHEN, GUANGLI 2,879,251
CHEN, HANCHI 2,956,016
CHEN, KE-YU 2,955,501
CHEN, MING J. 2,954,997
CHEN, SHANYIN 2,879,251
CHEN, SHILIN 2,955,670
CHEN, SHUHUI 2,954,872
CHEN, TING 2,955,156
CHEN, YANI 2,955,410
CHEN, YI-CHING 2,955,365
CHEN, YILONG 2,955,998
CHEN, YIN 2,955,103
CHEN, YUAN-TSONG 2,955,214
CHEN, ZHISONG 2,955,432
CHENAULT III, H. CLAY 2,956,012
CHENG, DONGFANG 2,952,925
CHENG, KIAT JIN 2,955,593
CHENG, QIANGQIANG 2,952,925
CHENG, QIONG 2,949,269
CHENG, QIONG 2,949,273
CHENG, QIONG 2,949,276
CHENG, QIONG 2,949,278
CHENG, QIONG 2,949,289
CHENG, QIONG 2,949,300
CHENG, STEVEN KIN SHING 2,955,667
CHERELLE, PIERRE 2,955,405
CHEUNG, LEO 2,955,744
CHEVILLOT, FABRICE JOEL LUC 2,951,003
CHEVRY, VINCENT 2,951,060
CHIESI FARMACEUTICI S.P.A. 2,950,234
CHILDREN'S HOSPITAL & RESEARCH CENTER AT OAKLAND 2,955,802
CHISHOLM, MICHAEL STEPHEN 2,951,007
CHIU, AYRINE NATALIE 2,948,625
CHO, MYEONG-JE 2,951,164
CHO, YOUNG LAG 2,955,397
CHOI, DONG KI 2,955,265
CHOI, DONG KI 2,955,272
CHOI, EUGENE 2,955,386
CHOI, JUNGSUB 2,955,397
CHOI, SOONGYU 2,955,397
CHOI, YUN-JUNG 2,951,280
CHOJECKI, ADAM 2,949,157
CHONAN, SUMI 2,955,572
CHONG, CHING WAH 2,955,747
CHONG, LAUREN 2,955,147
CHOUGNET-SIRAPIAN, ALICE 2,952,238
CHOWDHURY, ASHFAQUL ISLAM 2,952,250
CHRISTIANSEN, LARS HELLERUNG 2,950,821
CHRISTIE, MIGUEL D. 2,955,221
CHRISTMAS, COY 2,954,650
CHRISTOFIDELIS, EFSTRATIOS 2,955,731
CHRISTOFIDELLIS, EFSTRATIOS 2,955,728
CIEJKA, JUSTYNA 2,955,406
CIPPITANI, LUCIANO 2,950,200
CIRCLE TECHNOLOGIES, INC. 2,955,773
CISEN PHARMACEUTICAL CO., LTD. 2,954,872
CITY OF HOPE 2,955,366
CJ CHEILJEDANG CORPORATION 2,951,015
CLARK, NATHAN G. 2,955,146
CLEMENT, GILLES 2,951,360
CLERC, VINCENT 2,951,060
CLOVIS ONCOLOGY, INC. 2,955,495
CLYNNE, THOMAS 2,955,789
COBAN, MUHAMMED ZEYD 2,953,711
COCQUET, CLIO 2,951,488
COGEN, JEFFREY M. 2,952,426
COGEN, JEFFREY M. 2,952,427
COGNITIVE SYSTEMS CORP. 2,955,179
COHERE TECHNOLOGIES, INC. 2,955,800
COHERE TECHNOLOGIES, INC. 2,955,827
COLE, SEAN 2,951,046
COLEMAN, GARY D. 2,953,498
COLGATE-PALMOLIVE COMPANY 2,952,191
COLLETTE, CYRILLE 2,950,979
COLLIER, SAM JAY 2,955,689
COMBETTE, JEAN-MARC 2,947,508
COMBIER, JEAN-PHILIPPE 2,950,848
COMBIER, JEAN-PHILIPPE 2,951,018
COMPAGNIE INDUSTRIELLE DE LA MATIERE VEGETALE - CIMV 2,950,467
CONNEC LIMITED 2,954,691
CONNOLLY, TERRENCE JOSEPH 2,954,997
CONNOR SPORTS FLOORING, LLC 2,951,160
CONOGENETIX BIOSCIENCES GMBH 2,954,076
CONRAD, MARCUS 2,955,059
CONRAD, NATHAN 2,955,795
CONRAD, NATHAN 2,955,797
CONSTANTINE, MARGARET JOAN 2,946,816
CONSTANTINE, MARGARET JOAN 2,946,819
CONSTANTINE, MARK 2,946,816
CONSTANTINE, MARK 2,946,819
COOK, DARREN LYNN 2,955,846
COOPER, WILLIAM HENRY 2,955,369
COPE, FRED 2,955,438
COPE, FRED 2,955,441
CORKERY, TRAVIS PATRICK 2,955,510
CORNELI, MIRIAM 2,952,099
CORNING INCORPORATED 2,951,465
CORVIA MEDICAL, INC. 2,955,389
COSMETIC WARRIORS LIMITED 2,946,816
COSMETIC WARRIORS LIMITED 2,946,819
COSTELLO, BRIAN R. 2,955,408
COTE, PAUL F. 2,955,372
COURBON, EMILIE 2,952,139
COURVILLE, RONALD WAYNE 2,955,680
COWARD, JULIAN 2,955,746
CRAGG, MARK 2,948,834
CRANE SECURITY TECHNOLOGIES, INC. 2,955,372
CRAWFORD, MICHAEL JOHN 2,955,842
CRAWLEY, SARA ELIZABETH 2,946,434
CREWS, EVERETT 2,952,431
CRISPYCRETE, LLC 2,955,763
CROSIGNANI, STEFANO 2,948,842
CSL BEHRING GMBH 2,950,988
CUDMORE, COLIN 2,955,290
CUDZILO, MARTIN 2,952,337
CUI, WEI 2,955,995
CURT G. JOA, INC. 2,955,743
CURT G. JOA, INC. 2,955,796
CUTHBERT, ANDREW JOHN 2,955,680
CYMABAY THERAPEUTICS, INC. 2,951,280
CYTOMX THERAPEUTICS, INC. 2,955,947
CZEKAJ, JUSTYNA 2,949,590
CZERNIECKI, BRIAN J. 2,955,445
CZERNIECKI, BRIAN J. 2,955,456
CZINGER, KEVIN R. 2,955,969
D'ANS, PIERRE 2,952,139
D.J. MAYCHER INVESTMENTS INC. 2,955,852
DABNEY, PAUL 2,954,886
DACOSTA, RALPH 2,955,976
DAHLKE, MARION 2,952,061
DAI, HONGJIE 2,955,205
DALIBARD, SEBASTIEN 2,950,979
DALIBARD, SEBASTIEN 2,951,087
DALY, THOMAS P. 2,955,994
DANA CANADA CORPORATION 2,955,854
DANDA, MAYU 2,955,292
DARLINGTON, BRADLEY 2,949,590
DAVID, ELIYAHU 2,956,040
DAVIDIAN, THOMAS 2,949,157
DAVIES, MARK 2,948,976
DAVIS, CODY R. 2,955,839
DAVIS, MICHAEL F. 2,949,516
DCB-USA LLC 2,954,879
DCL INTERNATIONAL INC. 2,955,362
DE ANDRADE, HELENA 2,955,087
DE BREE, CORNELIUS HERMANUS MARIA 2,949,302
DE CONINCK, JOELLE 2,948,845
DE GROOT, ESTER 2,949,477
DE KADT, CHRISTOPHER RICHARD JACQUES 2,952,971
DE METER, EDWARD C. 2,955,602
DE RAI, LUCA GIORGIO MARIA 2,955,418
DE VOCHT, MARCEL LEO 2,955,877
DEAKIN UNIVERSITY 2,955,871
DEARDEUFF, MICHAEL BENJAMIN 2,952,971

DEBYSER, WINOK 2,949,298
DECARREAU, GUILLAUME 2,955,043
DECENEUX, ALEXANDRE 2,953,751
DECOSTER, KYLE 2,955,789
DEGOTT, PIERRE 2,950,671
DEJERO LABS INC. 2,955,979
DEL FRARI, LAURENCE 2,946,829
DELAVIZ, YADOLLAH 2,955,293
DELHEM, NADIRA 2,950,413
DELINIA, INC. 2,954,847
DELMAS, MICHEL 2,950,467
DELMORE, SHANE PHILIP 2,953,582
DELOCHE, CATHERINE 2,947,508
DEMANGE, RAYNALD 2,950,671
DEMIRORS, MEHMET 2,952,031
DENHEZ, NICOLAS 2,955,371
DENK, TIM 2,949,294
DENNIS, SEAN 2,954,655
DEORE, VIJAYKUMAR BHAGWAN 2,955,919
DEPUY SYNTHES PRODUCTS, INC. 2,949,060
DERMTREAT APS 2,950,821
DEROCHE, TIMOTHY J. 2,955,079
DEROOSE, FREDERIK 2,948,842
DESAULNIERS, GREG 2,955,693
DESHPANDE, SUDEEP 2,956,001
DEVELLIAN, CAROL A. 2,955,389
DEVELOPMENT CENTER FOR BIOTECHNOLOGY 2,954,879
DEVGAN, AMOL 2,952,877
DEVGAN, AMOL 2,952,882
DEVISME, SAMUEL 2,951,488
DEWA, YOSHIHARU 2,955,340
DEWA, YOSHIHARU 2,955,486
DEXCOM, INC. 2,953,582
DEXTER, MATTHEW 2,955,354
DI CARLO, DINO 2,955,357
DI STEFANO, ANTONIO 2,955,418
DIACHINA, JOHN WALTER 2,953,294
DIAMOND, DON J. 2,955,366
DICKENS, COLIN 2,949,434
DICKHAUT, JOACHIM 2,955,900
DICKHAUT, JOACHIM 2,955,955
DICKSON, CLARK B. 2,955,600
DICOSIMO, ROBERT 2,949,269
DICOSIMO, ROBERT 2,949,273
DICOSIMO, ROBERT 2,949,276
DICOSIMO, ROBERT 2,949,278
DICOSIMO, ROBERT 2,949,289
DICOSIMO, ROBERT 2,949,300
DIETZ, ULRICH 2,949,907
DIFILIPO, PAUL P. 2,956,018
DINAN, ROBERT 2,948,796
DING, BAISONG 2,879,251
DING, CHUANFAN 2,955,665
DING, MIN 2,955,256
DING, ZHAOZHONG 2,954,872
DINGERT, UWE 2,949,727
DISCH, SASCHA 2,953,413
DISCH, SASCHA 2,953,421
DISCH, SASCHA 2,953,426
DISCH, SASCHA 2,953,427
DISNEY, MATTHEW D. 2,955,136
DIVERGENT TECHNOLOGIES, INC. 2,955,969
DOBBE, ANTONIUS CORNELIS 2,951,777
DOCUMENT STORAGE SYSTEMS, INC. 2,955,603
DODELIN, DONALD R. 2,955,743
DODGE, JUSTIN 2,955,360
DODGE, MATTHEW R. 2,953,297
DOLAN, SHAWN E. 2,955,317
DOLAN, WILLIAM 2,955,189
DOLEH, ZAKARIA KHALIL IBRAHIM 2,949,730
DOMANUS, MARC HENRY 2,955,820
DOMINGUEZ, CELIA 2,955,379
DONAVON, MARK A. 2,951,374
DONDERICI, BURKAY 2,955,346
DONGMO FEUDJIO, ALIDA SUZANNE BLANCHE 2,949,294
DONOHOE, BRENDAN M. 2,955,605
DONOHOE, BRENDAN M. 2,955,939
DOOLEY, THOMAS P. 2,955,575
DORIN, FILIPPO 2,948,982
DORING, ANDREAS 2,948,692
DOUGLAS SCIENTIFIC, LLC 2,955,846
DOUGLAS, JESSICA D. 2,952,426
DOUGLAS, JESSICA D. 2,952,427
DOVERI, STEFANO 2,950,249
DOW GLOBAL TECHNOLOGIES LLC 2,949,157
DOW GLOBAL TECHNOLOGIES LLC 2,952,031
DOW GLOBAL TECHNOLOGIES LLC 2,952,426
DOW GLOBAL TECHNOLOGIES LLC 2,952,427
DOW GLOBAL TECHNOLOGIES LLC 2,955,995
DOWDEN, TAYLOR 2,955,794
DOWLER, BRENDA LEE 2,955,928
DOWNES, MICHAEL 2,942,403
DOWNEY, JASON 2,941,846
DRAEGER, RIAN 2,953,582
DRAZIC, VALTER 2,952,710
DRIESSENS, GREGORY 2,948,842
DROGER, NICOLAS 2,952,238
DROGUETT, GUSTAVO 2,950,173
DROST, JIM 2,955,794
DRY, MIKE 2,955,199
DRY, MIKE 2,955,598
DSCHIETZIG, THOMAS 2,950,037
DUBOIS-BRUGGER, ISABELLE 2,951,332
DUFRESNE, KEVIN 2,941,846
DUGGINS, DONNA WALKER 2,949,516
DUIZABO, OLIVIER 2,956,015
DUNMAN, PAUL M. 2,952,111
DUNN, MICHAEL 2,955,444
DUNN, STEVEN BRYAN 2,955,434
DURNBERGER, GERHARD 2,950,231
DURRANT, TIMOTHY 2,946,684
DYMLING, STEPHAN 2,950,805
DZIUK, MARK V. 2,955,660
E. I. DU PONT DE NEMOURS AND COMPANY 2,949,269
E. I. DU PONT DE NEMOURS AND COMPANY 2,949,273
E. I. DU PONT DE NEMOURS AND COMPANY 2,949,276
E. I. DU PONT DE NEMOURS AND COMPANY 2,949,278
E. I. DU PONT DE NEMOURS AND COMPANY 2,949,289
E. I. DU PONT DE NEMOURS AND COMPANY 2,949,300
E. I. DU PONT DE NEMOURS AND COMPANY 2,955,478
EACKER, CHRISTOPHER J. 2,952,256
EADS, BRIAN DONOVAN 2,955,842
EBBECKE, ANDREAS 2,948,749
EBERSBACH, HILMAR 2,955,386
EBOIGBODIN, KEVIN 2,951,183
ECHEVERRI, NICOLAS A. 2,955,453
ECKERT, KARL 2,955,208
ECKERT, KARL 2,955,744
ECOLE CENTRALE DE LYON 2,951,003
ECOLE NATIONALE D'INGENIEURS DE SAINT ETIENNE 2,951,003
ECOSPRAY TECHNOLOGIES S.R.L. 2,955,211
EDWARDS LIFESCIENCES CORPORATION 2,955,393
EDWARDS, EDUARD 2,955,484
EIP TECHNOLOGIES, INC. 2,955,047
EKBOTE, CHANDRASHEKHAR 2,955,623
ELASHOFF, MICHAEL 2,954,895
ELBIT SYSTEMS ELECTRO-OPTICS ELOP LTD. 2,955,417
ELBIT SYSTEMS LTD. 2,955,305
ELC MANAGEMENT LLC 2,955,190
ELGIMIABI, SOHAIB 2,952,248
ELI LILLY AND COMPANY 2,946,434
ELI LILLY AND COMPANY 2,955,106
ELIOT, ANDREW C. 2,949,273
ELIOT, ANDREW C. 2,949,278
ELLENHORN, JOSHUA 2,955,366
ELLI, SARAH PAIGE 2,953,582
ELLIOT, PATRICK 2,949,242
ELVERUD, KIM EDWARD 2,955,361
EMBER TECHNOLOGIES, INC. 2,955,921
EMPHASE SPRL 2,955,237
ENDICOTT, CHRISTINE 2,955,618
ENDLISH, MARK E. 2,951,693
ENGSTROM, BENJAMIN D. 2,955,818
ENT BIOTECH SOLUTIONS, INC. 2,955,600
ENTERRA FEED CORPORATION 2,955,867
ENTRUST, INC. 2,953,144
ERKO, ROBERT 2,955,365
ERNST, MICHAEL 2,951,541
ESCO CORPORATION 2,955,187
ESFAHANI, KAMYAR 2,955,636
ESHKEITI, ALI 2,955,373
ESPERET, CORRINE 2,952,902

ETTER, JEFFREY 2,955,495
EVANS, RONALD M. 2,942,403
EVANS, SCOT 2,955,920
EVONIK ROHM GMBH 2,949,294
EVTUSHENKO, SERGEI PAVLOVICH 2,955,686
EXIMIS SURGICAL, LLC 2,955,790
EXOKINETICS, INC. 2,954,656
EXPLORAMED NC7, LLC 2,955,605
EXPLORAMED NC7, LLC 2,955,939
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,950,129
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,951,637
F. HOFFMANN-LA ROCHE AG 2,948,721
F. HOFFMANN-LA ROCHE AG 2,949,563
F. HOFFMANN-LA ROCHE AG 2,955,678
FABIAN, BARBARA ANN 2,955,293
FACC AG 2,948,542
FACEBOOK, INC. 2,955,321
FACEBOOK, INC. 2,955,589
FAITRON AG 2,949,611
FALLER, CHRISTOF 2,955,427
FAN, DONGWEI 2,951,215
FAN, YIJING 2,955,346
FASETTO, LLC 2,954,650
FASSLER, NICHOLAS 2,955,955
FASVER 2,951,339
FAVRAT, OLIVIER 2,949,412
FAVRE, DOMINIQUE 2,950,671
FAVROT, ALEXIS 2,955,427
FAWCETT, JOHN CHRISTOPHER 2,954,656
FAYAD, JOSEPH M. 2,955,425
FCO POWER, INC. 2,955,390
FEDER, MARCIN 2,947,134
FEDERAL EXPRESS CORPORATION 2,950,590
FEDOROV, ALEXEY 2,955,546
FELKINS, BRANDON M. 2,955,012
FENG, LEI 2,955,103
FENG, WEI 2,955,972
FENNIRI, STEPHANIE 2,955,353
FERNANDEZ-SALAS, ESTER 2,947,006
FERRARI, VALENTINA 2,945,938
FERREIRA, LAURENT 2,951,994
FERRER, LAURENT 2,951,574
FEYEN, MATHIAS 2,951,064
FIBERLEAN TECHNOLOGIES LIMITED 2,948,948
FICH, JENS 2,949,299
FIERLBECK, JOHANN 2,949,060
FIGIEL, JANUSZ 2,948,788
FILHO, SERGIO SILVERIA CLEMENTE 2,955,589
FINCH, MATTHEW J. 2,955,389
FINI, THOMAS 2,955,213
FINNEGAN, PAUL 2,951,150
FIREBRICK PHARMA PTY LTD 2,955,982
FISH ENGINEERING LIMITED 2,956,023
FISHER CONTROLS INTERNATIONAL LLC 2,952,240
FISHER CONTROLS INTERNATIONAL LLC 2,955,857
FISHER CONTROLS INTERNATIONAL LLC 2,955,859
FLATT, ROBERT 2,955,979
FLEMING, PAUL D., III 2,955,373
FLICK, JEAN-MARC 2,949,901
FLSMIDTH A/S 2,948,769
FLSMIDTH A/S 2,955,980
FLUCK, PATRICK 2,951,447
FOCAL THERAPEUTICS, INC. 2,955,956
FONSER, PER 2,949,577
FORCE, ERIC 2,948,742
FORCUCCI, STEPHEN J. 2,955,389
FORD, MARK JAMES 2,948,713
FORLANI, CHRISTIAN FABIO 2,955,106
FORMON, JOHN S. 2,949,290
FORNY, LAURENT 2,948,631
FORSIGHT VISION4, INC. 2,955,186
FORSSEN, ERIC A. 2,947,006
FOTECH SOLUTIONS LIMITED 2,955,897
FRALEY, ANDREW 2,955,238
FRALEY, ANDREW 2,955,250
FRANCIS, JOSEPH 2,947,006
FRANCKHAUSER, ANDREW WILLIAM 2,948,850
FRANCO, WALFRE 2,955,185
FRANJIC, KRESIMIR 2,955,088
FRANK, ANDREA 2,955,771
FRANK, PHILIP ANDREW 2,955,371
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,953,426
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,953,427
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,953,413
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,953,421
FRED HUTCHINSON CANCER RESEARCH CENTER 2,949,981
FREDE, FRIEDHELM 2,948,588
FRENDEUS, BJORN 2,948,834
FRENDEWEY, DAVID 2,950,173
FRERE, MARC 2,952,139
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 2,950,673
FRESENIUS MEDICAL CARE HOLDINGS, INC. 2,949,692
FREY, STEPHAN-MICHAEL 2,955,678
FRIDRICH, HEINZ 2,952,729
FRIEDMAN, KEVIN 2,956,002
FRIES, LENNART 2,948,631
FRIGEL FIRENZE S.P.A. 2,948,982
FRIPP, MICHAEL LINLEY 2,955,345
FRIPP, MICHAEL LINLEY 2,955,377
FRIPP, MICHAEL LINLEY 2,955,922
FRIPP, MICHAEL LINLEY 2,955,925
FRIPP, MICHAEL LINLEY 2,955,927
FRIPP, MICHAEL LINLEY 2,955,965
FRITO-LAY NORTH AMERICA, INC. 2,955,484
FROST, HABIB 2,949,880
FRUSINA, BOGDAN 2,955,979
FRY, JOHN 2,955,604
FUCHS, RENE 2,951,582
FUDAN UNIVERSITY 2,955,665
FUJIHIRA, ATSUSHI 2,955,864
FULL POWER AED, LLC 2,955,940
FULLEMANN, ALEXANDER 2,950,246
FUNDACION FRAUNHOFER CHILE RESEARCH 2,954,876
FURUTA, PAUL T. 2,955,176
GABRIELSON, JACOB ADAM 2,952,971
GAGLIARDI, ANTHONY 2,950,173
GALE, DAVID 2,950,234
GALL, MATTHEW 2,951,029
GALLET, FRANCOIS 2,955,739
GALLUZZO, THOMAS 2,955,473
GAMWELL, CHASE RUSSELL 2,955,791
GANDHI, TEJASH 2,952,431
GARCIA MARCOS, ALEJANDRA 2,951,589
GARCIA, ALDENIS 2,950,979
GARCIA, FLORENCIO 2,951,410
GARCIA, FLORENCIO 2,951,717
GARCIA, FLORENCIO 2,952,250
GARCIA, NICOLAS 2,950,979
GARCIA, NICOLAS 2,951,060
GAREAU, DANIEL 2,955,917
GARRAD, JOANNE 2,950,234
GASCON, JORGE 2,949,157
GATEKEEPER SYSTEMS, INC. 2,955,623
GATES, IAN D. 2,955,749
GATOS, KONSTANTINOS G. 2,951,352
GATTO, VINCENT 2,955,240
GAUBA, MANEESH 2,953,464
GAVATHIOTIS, EVRIPIDIS 2,955,148
GAVENAS, JEFFREY ANTHONY 2,955,347
GE LIGHTING SOLUTIONS, LLC 2,955,789
GEA WESTFALIA SEPARATOR GROUP GMBH 2,949,907
GEA WESTFALIA SEPARATOR GROUP GMBH 2,950,806
GENERAL CABLE TECHNOLOGIES CORPORATION 2,955,812
GENERAL CABLE TECHNOLOGIES CORPORATION 2,955,839
GENERAL ELECTRIC COMPANY 2,949,193

GENERAL ELECTRIC COMPANY 2,951,410
GENERAL ELECTRIC COMPANY 2,951,717
GENERAL ELECTRIC COMPANY 2,952,250
GENERAL ELECTRIC COMPANY 2,952,661
GENERAL MILLS, INC. 2,955,300
GENIN, NOEL YVES HENRI JEAN 2,948,845
GENIUS GMBH 2,951,342
GENOVA DIAGNOSTICS, INC. 2,955,374
GENZYME CORPORATION 2,951,255
GEODYNAMICS, INC. 2,955,146
GEOMOBY PTY LTD 2,955,212
GEORGAKIS, GEORGIOS 2,955,728
GEORGAKIS, GEORGIOS 2,955,731
GEORGE, KEVIN R. 2,955,146
GERARDI, ANTHONY RICHARD 2,949,516
GERASIMOV, VLADIMIR SERGEEVICH 2,955,686
GERHARDT, MATTHIAS 2,951,582
GERVAIS, PATRICK 2,948,845
GHATGE, VISHWAJIT MANAJIRAO 2,955,742
GIBSON, DAVID ANDREW 2,955,625
GIBSON, PAUL 2,955,202
GIESECKE & DEVRIENT GMBH 2,951,330
GIESECKE & DEVRIENT GMBH 2,951,331
GILHULY, BARRY 2,955,979
GIMENEZ, REBECCA 2,953,582
GINZBURG, JEAN-DANIEL 2,947,937
GLASS, DAVID 2,955,386
GLAXOSMITHKLINE BIOLOGICALS SA 2,951,430
GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO. 2) LIMITED 2,951,287
GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED 2,950,727
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 2,955,910
GOETZ, DOUGLAS 2,955,582
GOH, CHEE WEE 2,955,859
GOLDENBERG, DAVID M. 2,955,254
GOLDFINCH BIOPHARMA, INC. 2,955,481
GONG, MING 2,955,205
GONIDEC, PATRICK 2,949,746
GONZALES, JOSE LUIS 2,913,361
GONZALEZ BOLULLO, SANTIAGO 2,950,039
GOODALL, STEPHEN 2,955,982
GOODIER, STEVEN PAUL 2,949,416
GOODWIN, DANIEL ROBERT 2,955,628
GOOGLE INC. 2,953,502
GOOI, ADRIAN 2,955,973
GOOI, PATRICK 2,955,973
GOPALAKRISHNAN, KARTHIK 2,951,465
GORDON-KAMM, WILLIAM JAMES 2,951,164
GOSNELL, JONATHAN D. 2,955,372
GOTTERIDGE, STEPHEN J. 2,951,854
GOUAILLIER, DAVID 2,951,087
GOUDAR, CHETAN 2,951,046
GRAAF, WOLFGANG 2,949,169
GRAAFSMA, PAUL 2,955,697
GRABAEK, PETER 2,950,502
GRAF, FABIAN 2,949,611
GRAHAM, NEIL DERYCK BRAY 2,955,312
GRANT, JOEL BAUCHAT 2,955,290
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,955,654
GRATSIAS, SPIROS 2,955,728
GRATSIAS, SPYROS 2,955,731
GREEN CROSS CORPORATION 2,955,397
GREENE, ADAM R. 2,953,582
GREENE, MICHAEL V. 2,955,288
GREGG, WILLIAM N. 2,955,790
GREMILLION, KEVIN L. 2,955,079
GREVE, JEFFREY 2,954,847
GRIFFIN, DAVID 2,955,200
GRIFFIN, DAVID 2,955,202
GRIFFIN, DONALD R. 2,955,357
GRIFFITH, HUGH 2,945,938
GRONAU, SOREN 2,950,673
GROSCHE, PETER 2,955,427
GROSZ, GREGORY CHRISTOPHER 2,955,670
GRUAU LAVAL 2,952,322
GRUBBS, ROBERT H. 2,955,546
GUAN, LIRUI 2,955,136
GUANGZHOU YIDA MACHINERY CO., LTD. 2,955,860
GUDMESTAD, TARALD 2,955,228
GUEDAT, PHILIPPE 2,951,191
GUEDE, CELINE 2,953,751
GUERNSEY, KEVIN W. 2,955,079
GUERRA, SUZANNE M. 2,952,031
GUEVARA, JOSE ISAAC 2,951,231
GUILLEMIN, KAREN 2,948,848
GUILLEMONT, MAXENCE 2,949,194
GULBA, DIETRICH 2,951,181
GULBRANDSEN, PEDER J. 2,949,399
GUNDERSON, KEVIN L. 2,950,298
GUNDERSON, KEVIN L. 2,955,356
GUNDLACH, JENS H. 2,950,298
GUPTA, SIDHANT 2,955,501
GUSTAVE, DEVRADJ MARIE-GUY 2,950,263
GUZMAN, FANNY 2,954,876
GWF MESSSYSTEME AG 2,955,165
HACKER, JURGEN 2,950,673
HADANI, RONNY 2,955,800
HADANI, RONNY 2,955,827
HAHN, ALEXANDER 2,952,396
HAIDER, SYED 2,955,141
HAIR, JONATHON ELDON 2,955,928
HAJI BEGLI, ALIREZA 2,955,422
HAKONARSON, SVERRIR 2,949,021
HAKONARSON, SVERRIR 2,949,022
HALDOR TOPSOE A/S 2,952,338
HALDOR TOPSOE A/S 2,955,211
HALIN, OLIVIER 2,951,994
HALL, LEIF 2,955,355
HALLIBURTON ENERGY SERVICES, INC. 2,955,342
HALLIBURTON ENERGY SERVICES, INC. 2,955,345
HALLIBURTON ENERGY SERVICES, INC. 2,955,346
HALLIBURTON ENERGY SERVICES, INC. 2,955,377
HALLIBURTON ENERGY SERVICES, INC. 2,955,579
HALLIBURTON ENERGY SERVICES, INC. 2,955,670
HALLIBURTON ENERGY SERVICES, INC. 2,955,680
HALLIBURTON ENERGY SERVICES, INC. 2,955,687
HALLIBURTON ENERGY SERVICES, INC. 2,955,691
HALLIBURTON ENERGY SERVICES, INC. 2,955,742
HALLIBURTON ENERGY SERVICES, INC. 2,955,746
HALLIBURTON ENERGY SERVICES, INC. 2,955,785
HALLIBURTON ENERGY SERVICES, INC. 2,955,787
HALLIBURTON ENERGY SERVICES, INC. 2,955,791
HALLIBURTON ENERGY SERVICES, INC. 2,955,922
HALLIBURTON ENERGY SERVICES, INC. 2,955,925
HALLIBURTON ENERGY SERVICES, INC. 2,955,927
HALLIBURTON ENERGY SERVICES, INC. 2,955,945
HALLIBURTON ENERGY SERVICES, INC. 2,955,965
HAMEL, JEAN-BERNARD 2,949,881
HAMILTON, JASON M. 2,955,350
HAN, XIANGMIN 2,955,293
HAN, XU 2,955,998
HANDEREK, VINCENT 2,955,897
HANES OPERATIONS EUROPE SAS 2,948,798
HANES, JUSTIN 2,948,844
HANNAH, STEPHEN E. 2,955,623
HANSA MEDICAL AB 2,955,704
HANSEN, HENNING 2,955,228
HANSEN, JENS 2,950,821
HAPPY CO., LTD. 2,954,860
HARDESTY, JOHN T. 2,955,146
HARMON, MANCE 2,955,616
HARRIS, RONALD M. 2,955,443
HARROLD, ED 2,955,354

HART, MATTHEW N. 2,955,229
HARTSIG, BILL 2,955,186
HARTTIG, HERBERT 2,949,563
HASHIMOTO SATOSHI 2,955,902
HASHIMOTO, HIDEO 2,954,860
HASKOLI ISLANDS 2,951,377
HASSAN, AMER A. 2,955,633
HAUBER, JOACHIM 2,951,772
HAUG, ANDREW RICHARD 2,955,846
HAUGHT, JOHN CHRISTIAN 2,946,383
HAUS, ADRIAN 2,955,556
HAVENSTRITE, KAREN L. 2,955,012
HAWRYLUK, ANDREW 2,952,326
HAWSON, NICHOLAS LEE 2,950,234
HAY, MEREDITH 2,955,656
HAYRE, PAUL N. 2,955,420
HEALTHY PULSE 2,955,809
HEINRICH-PETTE-INSTITUT LEIBNIZ-INSTITUT FUR EXPERIMENTELLE VIROLOGIE - STIFTUNG BURGERLICHEN RECHTS 2,951,772
HEIREDAL-CLAUSEN, THOMAS 2,952,338
HELD, WOLGANG 2,955,341
HELLFELD, SAMUEL 2,955,365
HELLMAN, LANCE 2,955,984
HELMY, AMIR 2,953,516
HENION, DAVID 2,951,029
HENKEL AG & CO. KGAA 2,955,317
HERLEV HOSPITAL 2,951,325
HERMANN, GEORGE D. 2,955,956
HERNANDEZ, JOHN T. 2,952,256
HERNANDEZ, LUIS ALEJANDRO 2,943,816
HERR, ANNA Y. 2,955,690
HERR, QUENTIN P. 2,955,690
HERRERA HERRERA, RUBEN 2,902,089
HESS, JOE E. 2,955,680
HESSELBROCK, KATRIN 2,948,733
HESSELBROCK, KATRIN 2,948,749
HEXION INC. 2,956,003
HEYMANS, NICOLAS 2,952,139
HIBBARD, EDWARD 2,955,218
HIES, THOMAS WERNER 2,955,165
HILGENDORFF, MARCUS 2,955,817
HILL, CHRISTOPHER DOUGLAS 2,955,089
HILMARSSON, GUNNAR SIGVALDI 2,949,021
HILSLEY, BARRINGTON 2,953,120
HILSLEY, ETHAN 2,953,120
HILTI AKTIENGESELLSCHAFT 2,950,980
HILTI AKTIENGESELLSCHAFT 2,951,605
HILTI AKTIENGESELLSCHAFT 2,951,983
HINDEREGGER, ERICH 2,951,447
HINDY, ABDELRAZAK 2,950,590
HIRANO TAKUMI 2,955,902
HIRSCH, ETIENNE 2,947,815
HKH DEVELOPMENT B.V. 2,949,038
HO, CHI HAI 2,952,971
HOARE, MURRAY 2,955,157
HOBSON, DAVID M. 2,951,854
HODGES, BRADLEY LOWELL 2,955,481
HOFFMANN, ALEXANDER 2,949,178
HOFLAND, GERARD WILLEM 2,955,341
HOGAN, MICHAEL 2,955,759
HOGE, STEPHEN G. 2,955,375
HOHM, GOTTFRIED JASON 2,955,743
HOHM, GOTTFRIED JASON 2,955,796
HOKE, STEVEN HAMILTON 2,946,383
HOLLANDER, ZSUZSANNA 2,955,992
HOLLEY, JOHN MURDICK, JR. 2,955,654
HOLLEYN, DENIS 2,949,294
HOLST, STEFAN 2,955,556
HONDA MOTOR CO., LTD. 2,955,480
HONDA MOTOR CO., LTD. 2,955,864
HONG, SUNGRYONG 2,946,773
HOOD, TIMOTHY WAYNE 2,956,012
HOPP-KRAEMER, SARAH 2,950,988
HORGNIES, MATTHIEU 2,951,332
HORI, YOSHIHIRO 2,955,171
HORIGUCHI, TOMOYUKI 2,955,913
HORNUNG, BRIAN DAVID 2,955,689
HORVATH, AKOS 2,955,979
HOSHI, KIYOSHI 2,955,989
HOSLER, TRAVIS JUSTIN 2,955,371
HOSTETTER, DANIEL ROBERT 2,955,947
HOUGHTON, RICKY 2,955,473
HOULET, ANNE-FLORE KARINE 2,949,597
HOWARD, MARK 2,955,955
HOWARTH, CHRISTOPHER RONALD 2,948,972
HOWARTH, JONATHAN 2,955,609
HOWELL, DANIEL B. 2,955,631
HOWELL, MATT TODD 2,955,579
HRUSCHKA, STEFFEN 2,949,907
HRUSCHKA, STEFFEN 2,950,806
HSU, KUAN-HUI 2,955,964
HU, BO 2,952,925
HU, LINJIE 2,955,362
HU, XIAOPING 2,955,858
HUA, KHOA 2,949,111
HUANG, STEPHANIE 2,955,740
HUANG, ZHIGANG 2,954,872
HUAWEI TECHNOLOGIES CO., LTD. 2,955,427
HUEHN, JOHN THOMAS 2,955,505
HUET, HEATHER 2,955,386
HUGHES, PATRICK M. 2,947,006
HULL, JOHN H. 2,955,682
HULL, JOHN, H. 2,955,210
HULVAT, JAMES FRANCIS 2,955,747
HUNT, ERIC L. 2,951,653
HUNT, TERRENCE 2,947,006
HUNTING TITAN, INC. 2,955,262
HUNTING TITAN, INC. 2,955,266
HURSON, STEVEN M. 2,955,556
HUTCHISON, RICHARD MARTIN 2,952,417
HUTH, STANLEY 2,951,245
HUUSKEN, ROBERT 2,952,433
HUUSKEN, ROBERT 2,952,434
HYNNA, KAI MICHAEL 2,955,088
IAM ROBOTICS, LLC 2,955,473
IBIQUITY DIGITAL CORPORATION 2,953,478
ICELANDIC GROUP UK LTD 2,948,990
ICHIHARA, YOSHITATSU 2,955,915
ICHIKAWA, HIROMITSU 2,955,650
ICOMET S.R.L. 2,950,200
IGO, WILLIAM JON 2,955,928
IHC HOLLAND IE B.V. 2,949,046
IHI CORPORATION 2,955,911
IKEDA, KAZUYUKI 2,955,287
IKENO, DAISUKE 2,955,287
ILANDI, EMILIANO 2,950,234
ILLINOIS TOOL WORKS INC. 2,951,039
ILLINOIS TOOL WORKS INC. 2,952,417
ILLINOIS TOOL WORKS INC. 2,952,480
ILLUMINA CAMBRIDGE LIMITED 2,950,833
ILLUMINA, INC. 2,950,298
ILLUMINA, INC. 2,955,356
IMMPERIODERM 2,955,756
IMMUDEX APS 2,951,325
IMMUNDIAGNOSTIK AG 2,950,037
IMMUNOMEDICS, INC. 2,955,254
IMSANDE, JEFFREY M. 2,955,453
IN THE CHAT COMMUNICATIONS INC. 2,955,505
INFLECTIS BIOSCIENCE 2,951,191
INGEVITY SOUTH CAROLINA, LLC 2,952,431
INGRAHAM, ROBERT WALTER 2,955,928
INGRASSIA, MICHAEL L. 2,955,408
INNOVA PATENT GMBH 2,948,594
INSTITUT GUSTAVE ROUSSY 2,950,413
INSTITUT NATIONAL D'OPTIQUE 2,955,985
INTERDIGITAL PATENT HOLDINGS, INC. 2,953,516
IOTA SECURITY INC. 2,955,457
IRVING, BRYAN ALLEN 2,955,947
ISHIKAWA, SHOTARO 2,955,171
ISHIZUKA, MASAYUKI 2,954,857
IT LUGGAGE LIMITED 2,949,743
ITEOS THERAPEUTICS 2,948,842
IVERSON, BEN JOHN 2,955,687
IXCELA, INC. 2,951,881
IYER, ARUN V. 2,943,816
IZAGA, JULIAN 2,951,268
JAASKELAINEN, MIKKO 2,955,785
JACKSON, ERIC WAYNE 2,955,300
JACOB, CHRISTOPHE 2,955,190
JACOBS, SOPHIE 2,951,582
JACQUEMONT, JACKY 2,951,201
JACQUES, GUILLAUME 2,951,486
JADHAV, SAMEER SHANKAR 2,955,839
JAGER, ANDREAS 2,952,090
JAGERSCHMIET, ALEXANDRE 2,952,902
JAGGA, ARUN VICTOR 2,955,088
JAIN, PRADEEP 2,952,031
JAKOBSEN, SOREN 2,951,325
JAMES, JESSE M. 2,955,623

JAMISON, MICHAEL 2,951,283
JANSSEN VACCINES & PREVENTION B.V. 2,955,877
JARJOUR, WAEL N. 2,955,438
JARNUM, SOFIA 2,955,704
JARRELL, JOHN A. 2,955,236
JASZCZEWSKA, JOANNA ADRIANA 2,947,134
JAYADEVAN, JAYASHANKARAN 2,948,888
JENTZ, HENRIC 2,955,371
JEROMENOK, JEKATERINA 2,950,980
JI, TINGFANG 2,953,596
JIANG, HAO 2,949,589
JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD. 2,955,547
JIMENEZ, AARON 2,949,242
JIMENEZ-LOZANO, JOEL N. 2,955,185
JOHANSEN, KELD 2,955,211
JOHANSSON, NICKLAS 2,953,294
JOHNSON & JOHNSON VISION CARE, INC. 2,955,609
JOHNSON, DIRK 2,955,790
JOHNSON, ERIC GUY 2,955,846
JOHNSON, KEVIN D. 2,955,434
JOHNSON, KRISTIN D. 2,955,790
JOINT STOCK COMPANY "CENTRAL DESIGN BUREAU OF MACHINE BUILDING" 2,955,686
JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS" ("SCIENCE AND INNOVATIONS", JSC) 2,955,688
JOINT-STOCK COMPANY SCIENTIFIC RESEARCH AND DESIGN INSTITUTE FOR ENERGY TECHNOLOGIES ATOMPROEKT (JSC ATOMPROEKT) 2,955,688
JOOSTE, SAREL KOBUS 2,955,625
JORDAN, DIANNA M. MURPHY 2,943,816
JOUFFRAY, SEBASTIEN 2,949,881
JOWAT AG 2,955,388
JOYCE, MARGARET K. 2,955,373
JOYCE, MICHAEL JAMES 2,955,373
JUAN, ALEJANDRO J. 2,955,622
JUDD, CHRISTOPHER M. 2,955,408
JUN, HYUN JO 2,951,215
JUNE, CARL H. 2,955,386
JUNEAU, KARA 2,955,740
JUNG, ANDREAS 2,953,411
JURGENSMEIER, MICHAEL JAMES 2,955,922
KAINDL FLOORING GMBH 2,950,231
KAKAR, PARVEEN 2,956,012
KALINOWSKA, IWONA 2,947,134
KALKI, SANTOSH 2,952,877
KALKI, SANTOSH 2,952,882
KALOUS, SCOTT 2,955,795
KALOUS, SCOTT 2,955,797
KAMATH, APURV ULLAS 2,953,582
KAMMERER, BERNHARD 2,948,542
KAN VAN, JOANNES AUGUSTINUS MARIA 2,955,874
KANAZAWA, CHIKASHI 2,955,577
KANEKO MITSUGU 2,955,480
KANEKO, YOHEI 2,954,851
KANT, ALBERT 2,949,781
KANTERS, WILHELMUS PETRUS 2,951,237
KANUCH, DAVID J. 2,956,018
KANZER, STEVE 2,955,666
KAPPEN, THEODORUS GERARDUS MARINUS MARIA 2,948,717
KAPTEIJN, FREDERIK 2,949,157
KARAMPATSIS, DIMITRIOS 2,953,516
KARANDINOS, ANTHONY G. 2,951,352
KARCZEWICZ, MARTA 2,953,711
KARNIK, MUKUL VIJAY 2,952,877
KARNIK, MUKUL VIJAY 2,952,882
KARPINSKI, JANET 2,951,772
KARRA, SRINIVASA R. 2,948,888
KASSEMEYER, HANNS-HEINZ 2,951,582
KATIC, VOJIN 2,955,321
KATIEB, RALPH 2,955,603
KATKE, NITINKUMAR PANDURANG 2,955,742
KAUFMANN, MARTIN 2,949,060
KAULFUSS, OLIVER 2,955,867
KAWABE, KENICHI 2,955,572
KAWAI YASUHIRO 2,955,480
KAWANA, ASAHI 2,955,485
KAWANA, ASAHI 2,955,577
KAYE, HAGEN 2,955,979
KAZANTSEV, RODION PETROVICH 2,955,686
KCI LICENSING, INC. 2,955,958
KEANA, JOHN F.W. 2,942,403
KEEVY, PIETER ANDRE 2,949,756
KEMENY, STEVEN F. 2,955,229
KEMP, MATTHEW J. 2,955,857
KENNEY, BENJAMIN A. 2,955,854
KERBLER, OLIVIER 2,949,746
KERSCHENSTEINER, DANIEL A. 2,955,420
KETTERER, MATTHEW 2,946,684
KHACHIKIAN, NAIRI 2,955,434
KHALAJ, STEVE SAEED 2,950,161
KHALDI-PLASSART, SAMIRA 2,948,845
KHAN, OMAR ZIA 2,955,505
KHLEIF, SAMIR 2,955,432
KIDA, GREG 2,953,582
KIM, DAE HYUN 2,955,820
KIM, DAE HYUN 2,955,967
KIM, IN BAE 2,951,015
KIM, JAE YEON 2,955,397
KIM, JAEHYUNG 2,946,773
KIM, KIBEM 2,955,177
KIM, SUNG HOON 2,955,265
KIM, SUNG HOON 2,955,272
KIM, SUNG HUN 2,951,015
KIM, SUNG-KWANG 2,955,404
KIM, YONG SUNG 2,955,265
KIM, YONG SUNG 2,955,272
KIM, YONG ZU 2,955,397
KIM, YOO HOON 2,955,397
KIMACHI, KAZUHIKO 2,955,287
KINGSTON RESPIRATORY CAPITAL LLC. 2,951,144
KINZLER, KENNETH W. 2,955,177
KIRBY, KATHERINE ENG 2,953,582
KITAHARA, JUN 2,955,340
KITAHARA, JUN 2,955,486
KITANO, RYOICHI 2,955,287
KITAZATO, NAOHISA 2,955,340
KITAZATO, NAOHISA 2,955,486
KJELLMAN, CHRISTIAN 2,955,704
KLAPPERT, WALTER R. 2,952,461
KLAR, AGNIESZKA SYLWIA 2,954,989
KLARAKIS, GEORGE A. 2,953,206
KLEIN, STEFFEN 2,951,067
KLEINSCHNITZ, CHRISTOPH 2,950,988
KLODWIG, CLAUDIA 2,955,955
KLOSTERMANN, ANDREAS 2,954,076
KNABLE, CARL M. 2,955,256
KNIGHT, CHAD 2,955,199
KNORR-BREMSE GESELLSCHAFT MIT BESCHRANKTER HAFTUNG 2,951,541
KO, TAI-MING 2,955,214
KO, WOOSUK 2,946,773
KOBAYASHI HARUHIKO 2,955,480
KOCHENDERFER, JAMES N. 2,951,045
KOEKEN, ADRIANUS 2,949,157
KOENDERS, JOHN 2,949,038
KOH, CHONG YONG 2,955,591
KOH, CHONG YONG 2,955,593
KOHLER, ROBERT 2,948,733
KOHUT, MICHAEL R. 2,951,854
KOMATSU LTD. 2,949,794
KOMATSU, TAKASHI 2,954,857
KONDO, KEIICHI 2,955,170
KONHILAS, JOHN 2,955,656
KONINKLIJKE PHILIPS N.V. 2,952,700
KONYNENBELT, JAMES HENRY 2,955,846
KOPPETSCH, KARSTEN 2,950,727
KOPPETSCH, KARSTEN 2,951,287
KORNIT DIGITAL LTD. 2,955,683
KORNOVICH, LONNIE L. 2,955,629
KOSKI, GARY K. 2,955,445
KOSKI, GARY K. 2,955,456
KOTANKO, PETER 2,949,692
KOTAPISH, EDWARD C. 2,955,673
KOTAPISH, EDWARD C. 2,955,818
KOTAPISH, EDWARD C. 2,955,829
KOTTAKOTA, SRIDHAR 2,951,025
KOUKIDOU, MARTHA 2,950,851
KOVERMANN, JAN 2,951,763
KOWTONIUK, WALTER EUGENE 2,955,481
KOZAK, PAUL 2,951,455
KRAATZ, ARNIM 2,949,294
KRAEMER, DAN 2,953,582
KRAMER, KIRK 2,955,317

KRAVETS, OLEKSIY 2,955,179
KREDER, NATASHA 2,955,960
KRESS, MARKUS 2,955,813
KRIPPNER, CAROLA ELKE BEATRICE 2,948,887
KRISHNA, GOPAL 2,955,256
KRISHNAN, VENKATESH 2,953,604
KRISHNAN, VENKATESH 2,953,635
KROEF, BART 2,951,237
KROEGER, BRIAN W. 2,953,478
KRONER, CHRISTINE 2,955,422
KROON, BART 2,952,700
KRUEGER, JESSICA 2,950,671
KRUEGER, RICHARD 2,955,457
KRUGER, CHRISTIAN 2,950,502
KUBE, OLIVER 2,955,678
KUEHL, ROBERT 2,955,747
KUENSTNER, JOHN TODD 2,953,110
KUKHTEVICH, VLADIMIR OLEGOVICH 2,955,688
KUKINO, SATORU 2,955,292
KUKLER, RONALD 2,955,671
KUMAR, CHANDU 2,955,814
KUMAR, CHANDU 2,955,818
KUMAR, CHANDU 2,955,829
KUMAR, SANJAY 2,955,919
KUMAR, VIJAY R. 2,955,191
KUNETZ, CHRISTINE FRANCES 2,948,627
KUNGAH NFOR, BECKLEY 2,955,877
KUNO, JUNKO 2,950,173
KUNUGI, HIROSHI 2,955,915
KUO, HO-CHANG 2,955,214
KUO, HSU-PING 2,955,744
KUO, MANN-YAN 2,954,879
KURCHEVSKY, ALEXEI IVANOVICH 2,955,688
KURO-O, MAKOTO 2,955,039
KURODA, SHOICHI 2,955,572
KUSIK, DANIEL 2,952,846
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,947,815
L'INSTITUT DU CERVEAU ET DE LA MOELLE EPINIERE 2,947,815
L'INSTITUT NATIONAL SUPERIEUR DES SCIENCES AGRONOMIQUES DE L'ALIMENTATION ET DE L'ENVIRONNEMENT 2,948,845
L'UNIVERSITE DE BOURGOGNE 2,948,845
LA PORTE, SHERRY LYNN 2,955,947
LAASCH, FABIAN 2,948,749
LABLANC, BENJAMIN EDWARD 2,955,945
LABORATORIOS MINKAB, S.A. DE C.V. 2,902,089
LACROIX-DESMAZES, SEBASTIEN 2,951,150
LAFARGE 2,951,332
LAFARGE 2,951,994
LAFARGE 2,952,106
LAGO ACCESSORI S.R.L. 2,951,988
LAGO, FABIO 2,951,988
LAGO, GIOVANNI 2,951,988
LAI, JIAN PING 2,949,289
LAI, JIAN PING 2,949,300
LAIRD TECHNOLOGIES, INC. 2,955,215
LAITINEN, MIKKO-VILLE 2,953,413
LAITINEN, MIKKO-VILLE 2,953,421
LAITINEN, MIKKO-VILLE 2,953,426
LAITINEN, MIKKO-VILLE 2,953,427
LAITRAM, L.L.C. 2,955,079
LALANSINGH, CHRISTOPHER 2,955,147
LAMB, RICHARD DALE 2,955,981
LAMBERT, DIDIER 2,951,973
LAMONTAGNE, FREDERIC 2,955,985
LAMPINEN, JOHN 2,955,771
LANDIS, DARRYL 2,955,374
LANDMARK GRAPHICS CORPORATION 2,955,444
LANDMARK GRAPHICS CORPORATION 2,955,781
LANDMARK GRAPHICS CORPORATION 2,955,920
LANDRY, SEAN 2,955,960
LANG, MARTIN 2,950,980
LANG, MARTIN 2,951,983
LANG, YUE 2,955,427
LARSEN, SVEN 2,955,622
LATTIMORE, TOM M. 2,955,981
LAURENT, BETTY 2,951,488
LAURESSERGUES, DOMINIQUE 2,950,848
LAURESSERGUES, DOMINIQUE 2,951,018
LAVAUR, JEREMIE 2,947,815
LAVERY, RICHARD J. 2,955,358
LB LYOPHARM S.R.L. 2,950,396
LE GRAS, HERVE 2,955,213
LEANO, MAURICIO E. 2,952,031
LEATT CORPORATION 2,949,756
LEATT, CHRISTOPHER JAMES 2,949,756
LEBOREIRO, JOSE 2,954,654
LEBOVIC, GAIL S. 2,955,956
LEBREIL, FABIENNE 2,955,213
LECKIE, GREGOR 2,955,771
LEE, BRIAN R. 2,955,079
LEE, DAE YON 2,955,397
LEE, JULIA LAM 2,949,193
LEE, SEUNG HEON 2,951,015
LEE, SUK HO 2,955,397
LEE, VANNA 2,949,242
LEE, WEI-TING 2,955,498
LEFEBER, DIRK 2,955,405
LEFEVRE, NICOLAS 2,949,412
LEGER, OLIVIER 2,952,140
LEGOCHEM BIOSCIENCES, INC. 2,955,397
LEGUM, STEVEN 2,948,796
LEI, QINGXIN 2,946,383
LEITE, SOFIA BATISTA 2,950,470
LELY PATENT N.V. 2,949,477
LEMAIRE, MARC 2,947,815
LEMERCIER, LAETITIA 2,948,937
LEONARDO S.R.L. 2,951,327
LEONARDO S.R.L. 2,951,328
LEONARDO S.R.L. 2,951,329
LEONE, KERI 2,953,582
LEPRETRE, JEAN-BAPTISTE ETIENNE BERNARD 2,949,818
LEPRETRE, JEAN-BAPTISTE ETIENNE BERNARD 2,951,196
LERCHE, NOLAN C. 2,955,262
LESLIE, CHRISTOPHER DAVIS 2,949,682
LESTAGE, DAVID 2,955,484
LETH, SOREN 2,955,068
LEUNG, NIKOLAI KONRAD 2,953,711
LEUSSINK, PETER JOHANNUS 2,952,063
LEVEL 3 COMMUNICATIONS, LLC 2,955,806
LEVEQUE, MARGUERITE 2,948,937
LEWANDOWSKI, WOJCIECH 2,947,134
LEWIS, BENJAMIN J. 2,955,391
LEWIS, SAMUEL 2,955,791
LG ELECTRONICS INC. 2,946,773
LHUILLIER, CLAIRE 2,950,413
LI, ALFRED 2,951,393
LI, BOREN 2,879,251
LI, HONG 2,955,998
LI, JUNYI 2,953,596
LI, LING 2,955,995
LI, TSUNG-JU 2,955,498
LI, XIANG 2,955,547
LIANG, CHIEH-JAN MIKE 2,955,098
LIAO, CHU-BIN 2,954,879
LIEBL, INA 2,949,294
LIEN, SIGBJORN 2,951,500
LILLICO, SIMON GEOFFREY 2,955,203
LIM, ALLAN 2,948,625
LIN, HENRY 2,951,046
LIN, NAN-HORNG 2,954,879
LIN, WEILIN 2,955,087
LIN, YAKANG 2,946,383
LINDE AKTIENGESELLSCHAFT 2,950,010
LINDELL, MORGAN 2,951,167
LINDHOLM, OLOF 2,951,167
LINDNER, KARL-HEINZ 2,952,090
LING, LEI 2,955,608
LINNANE, PATRICK GERARD 2,950,234
LITTMANN, MARTIN 2,948,713
LITVINENKO, LIDIYA DMITRIEVNA 2,955,688
LITWINSKI, ADAM MICHAEL 2,955,679
LIU, CHENGWEN 2,955,860
LIU, JIE 2,955,541
LIU, MIAOREN 2,879,251
LIU, WENBO 2,955,546
LIU, XINGUI 2,955,972
LIU, YI 2,955,103
LIU, ZAIYOU 2,948,850
LIVZON MABPHARM INC. 2,955,541
LLACH PINSACH, JOAN 2,953,751
LM WP PATENT HOLDING A/S 2,951,777
LOCHBIHLER, HANS 2,951,330
LOCHBIHLER, HANS 2,951,331

LOCK, JOHN DOUGLAS 2,949,730
LOCKE, CHRISTOPHER BRIAN 2,955,958
LOGAN, WILLIAM DALE 2,955,343
LOPEZ MARTIN, JOSE MANUEL 2,950,039
LOPEZ RUIZ, JOSE MANUEL 2,950,039
LORENZO, GUILLERMO PEREZ 2,951,740
LORNZO, GABRIELLE 2,951,255
LOSHER, RICHARD 2,948,692
LOVEJOY, DAVID 2,955,410
LOVELESS, JACOB 2,953,796
LOW & BONAR 2,950,207
LUCITE INTERNATIONAL SPECIALITY POLYMERS AND RESINS LIMITED 2,951,007
LUGER, PETER 2,948,594
LULL, JONATHAN 2,951,046
LUND FRANDSEN, HENRIK 2,952,338
LUNG, KEVIN 2,955,784
LUNOVUS, LLC 2,955,975
LUO, WEI 2,954,872
LUO, YI 2,955,972
LUO, ZHENGSONG 2,955,863
LUONG, TRUNG DUNG 2,955,165
LUPIN LIMITED 2,951,025
LUTHRA, AJAY 2,953,422
LV, AIFENG 2,955,547
LYNCH, JAMES 2,955,960
LYNCH, JOE 2,955,444
LYNN, TIMOTHY R. 2,951,113
LYSSIKATOS, JOSEPH P. 2,948,721
MA, DANPING 2,955,995
MAASJO, GRANT EDWARD 2,955,846
MACHIDA, YUKIO 2,955,650
MADEY, STEVEN M. 2,955,718
MADRID, ALLEN 2,955,679
MADSEN, MADS FIND 2,952,338
MAGNIN, CHRISTOPHER J. 2,955,389
MAGNUSON, CHRISTOPHER 2,955,952
MAHONEY, NATHAN JAMES 2,952,104
MAHOWALD, PIERRE 2,948,087
MAINNEMARE, ARNAUD 2,955,756
MAIR, ANDREAS 2,951,541
MAK, KING K. 2,955,774
MAKKEE, MICHIEL 2,949,157
MAKOWER, JOSHUA 2,955,605
MAKOWER, JOSHUA 2,955,939
MALLET, JOSEPH ROBERT WAYNE 2,955,979
MALPASS, LUKE 2,954,650
MALSHE, VINOD CHINTAMANI 2,955,839
MALTAIS, RENE 2,955,753
MAN DIESEL & TURBO SE 2,948,692
MANABE, HIROSHI 2,955,588
MANDELL, JEFFREY G. 2,950,298
MANDELL, JEFFREY G. 2,955,356
MANITOWOC FOODSERVICE COMPANIES, LLC 2,955,689
MANKU, TAJINDER 2,955,179
MANN, ADIN J. 2,952,240
MANNICK, JOAN 2,955,386
MARAUSKA, JULIANE 2,950,980
MARCELLA, MICHAEL J. 2,952,066
MARCHANT, BRAD 2,955,867
MARIK, JAN 2,948,721
MARIN-ARGANY, MARTA 2,949,182
MARINO, DANIELA 2,954,989
MARR, AMY LOUISE 2,946,434
MARSHALL, SERGIO 2,954,876
MARSHALL, WILLIAM WALTER, IV 2,955,814
MARTENSSON, LINDA 2,948,834
MARTIN, JUSTIN 2,955,917
MARTIN, PETER S. 2,951,113
MARTIN, ROBERT L. 2,951,280
MARTINEZ, MATTHEW 2,955,784
MASON, DALE 2,951,653
MASON, JEFFREY T. 2,955,946
MASON, JOHN O., III 2,955,975
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,955,232
MASSARI, ROSSANO CLAUDIO 2,955,106
MASSON, CLAUDINE 2,948,926
MAST, CHRISTIAN 2,951,588
MASTER LOCK COMPANY LLC 2,955,795
MASTER LOCK COMPANY LLC 2,955,797
MASTERMAN, THOMAS CRAIG 2,955,960
MASTORAKOS, PANAGIOTIS 2,948,844
MATHIS, TODD 2,955,049
MATHUR, RUCHI 2,955,666
MATSUHASHI, TOORU 2,955,758
MATSUMOTO, MICHIHIKO 2,954,851
MATSUO, JUNKO 2,955,915
MATSUZAWA, TAKUMI 2,955,864
MATTHEWS, KENNETH HEIDT 2,955,687
MATTHYS, GEERT 2,955,929
MATTHYS, GEERT 2,955,942
MATTILA, JOHN 2,955,618
MAURO, DAVID J. 2,955,612
MAXIMUS, BART 2,955,929
MAXIMUS, BART 2,955,935
MAXIMUS, BART 2,955,942
MAYCHER, DAVID JOHN 2,955,852
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH 2,951,135
MAZUIR, FLORENT 2,951,177
MAZUR, MARIA 2,947,134
MAZZEO, MICHELE 2,948,887
MCANNALLY, JEFFERY 2,955,975
MCCLOSKEY, PATRICK JOSEPH 2,949,193
MCCRADY, JOHN M. 2,955,829
MCCRAY, VICTOR W. 2,955,012
MCDANIEL, JOHN ANDREW 2,948,850
MCFARLAND, DANIEL 2,949,242
MCGIBBON, ANDREW 2,955,012
MCGILL, SHAWN DAVID 2,955,805
MCGUIGAN, CHRISTOPHER 2,945,938
MCHUGH, JASON GEORGE 2,955,589
MCMANUS, BRUCE M. 2,955,992
MCMILLS, MARK C. 2,955,582
MCNAMARA, EDWARD I. 2,955,389
MCQUILLIAN, BRIAN B. 2,951,029
MCQUINN, DAVID ARTHUR 2,955,510
MCVEEN, KEITH 2,951,653
MCVEY, ALEXANDER JACOB 2,955,747
MCWHERTER, CHARLES A. 2,951,280
MED.DENT.MINDS GMBH 2,950,825
MEDIVANCE INCORPORATED 2,955,816
MEDOFF, MARSHALL 2,955,960
MEEUWSEN, KYLE J. 2,955,187
MEGAPLAST S.A. PACKAGING MATERIALS INDUSTRY 2,951,352
MEGRET, PATRICE 2,955,237
MEIMA, GARMT R. 2,949,157
MELE, ELISA 2,955,087
MELEG, VLADIMIR 2,948,769
MELITTA SINGLE PORTIONS GMBH & CO. KG 2,948,733
MELITTA SINGLE PORTIONS GMBH & CO. KG 2,948,749
MELLAND, TRISTAN 2,951,111
MELZNER, ERWIN 2,955,273
MENET-HAURE, JEAN 2,952,329
MENEZES, PASCAL FRANCIS 2,955,633
MENGES, FREDERIK 2,951,177
MERCER, DAVID 2,955,958
MERCK PATENT GMBH 2,948,888
MERCK SHARPE AND DOHME CORP. 2,955,612
MERIAL, INC. 2,948,845
MERIAL, INC. 2,949,682
MERRON, MATTHEW JAMES 2,955,579
MERTENS DE WILMARS, ETIENNE 2,950,998
METABOLON, INC. 2,955,204
MEUNIER, VINCENT 2,948,631
MHETAR, VIJAY 2,955,812
MHETAR, VIJAY 2,955,839
MICHEL, PATRICK 2,947,815
MICHELBERGER, ALEXANDER 2,952,066
MICRO MOTION, INC. 2,955,089
MICROSOFT TECHNOLOGY LICENSING, LLC 2,955,098
MICROSOFT TECHNOLOGY LICENSING, LLC 2,955,216
MICROSOFT TECHNOLOGY LICENSING, LLC 2,955,371
MICROSOFT TECHNOLOGY LICENSING, LLC 2,955,633
MIHARA, TAKAAKI 2,955,913
MILANI, JEANPAUL 2,950,066
MILEWSKA, ALEKSANDRA 2,955,406
MILLER, JEFFREY HAROLD 2,951,144
MILLER, LAUREN C. 2,953,582
MILONE, MICHAEL C. 2,955,386
MINESENSE TECHNOLOGIES LTD. 2,955,636
MINESENSE TECHNOLOGIES LTD. 2,955,693
MINIKIS, RYAN MITCHELL 2,955,747
MIRAKI, MANOUCHEHR A. 2,955,393

MIRONOV, OLEG 2,948,727
MIRZAEI, AMIR A. 2,955,042
MISENER, AARON 2,949,941
MITRYUKHIN, ANDREY GENNADIEVICH 2,955,688
MIYAZAWA, YUKI 2,955,485
MOBILE DATA LABS, INC. 2,955,628
MODEC, INC. 2,955,399
MODERNA THERAPEUTICS, INC. 2,955,238
MODERNA THERAPEUTICS, INC. 2,955,250
MODERNATX, INC. 2,955,375
MODY, RUSTOM K. 2,955,076
MODY, SORAB RUSTOM 2,951,025
MOE, ORSON W. 2,955,039
MOEN, THOMAS 2,951,500
MOFFITT, MICHAEL A. 2,953,578
MOGY, PASCAL 2,949,611
MOHAMMADI, SHAHROKH 2,955,280
MOIR, RUSSELL S. 2,955,946
MOJARRAD, MEHRAN 2,955,106
MOLINES, GERARD 2,952,106
MOLLOY, PETER 2,955,982
MOMENKANI, KOUROSH 2,955,829
MOMENKHANI, KOUROSH 2,955,814
MONDI PRODUCTS LTD. 2,955,225
MONDI PRODUCTS LTD. 2,955,243
MONSANTO TECHNOLOGY LLC 2,955,842
MONTAGANO, MICHAEL 2,955,225
MONTAGANO, MICHAEL 2,955,243
MOOG INC. 2,955,784
MOONEN, JOHANNES HUBERTUS ELISE 2,955,341
MOORE, DAVID ROGER 2,949,193
MOORTHY, PRAVEEN N. 2,953,422
MOOTIEN, AZAGEN 2,949,060
MORALES, OLIVIER 2,950,413
MORAN, SEAN P. 2,955,814
MORGAN, RICHARD 2,956,002
MORIOKA, NORIKO 2,955,911
MORISHITA, ATSUSHI 2,955,650
MORITZHUBER, JOHANNES 2,948,594
MORONEY, PAUL 2,953,422
MORPHO B.V. 2,955,207
MOSCIBRODA, THOMAS 2,955,098
MOSLEMI, ALI AKBAR 2,955,233
MOTSI, TAFADZWA 2,948,948
MOUSTAKAS, PANAGIOTIS 2,955,729
MRIZAK, DHAFER 2,950,413
MTD PRODUCTS INC 2,951,932
MUELLER, FRANK 2,955,784
MUELLER, JAMES, G. 2,955,210
MUHLTHAU, FRIEDRICH AUGUST 2,948,713
MULLER, BEN 2,948,087
MULLER, KLAUS 2,951,745
MULLER, ULRICH 2,951,064
MUNCHKIN, INC. 2,955,434
MUNEKATA INDUSTRIAL MACHINERY CO., LTD. 2,955,588
MUNETOMO, EIJI 2,955,572
MUNOZ-SANJUAN, IGNACIO 2,955,379
MURATA, HIROMITSU 2,955,650
MURPHEY, COREY LYNN 2,955,807
MURPHREE, ZACHARY 2,955,922
MURPHY, JAMES EDWARD 2,951,410
MURPHY, JAMES EDWARD 2,951,717
MURPHY, JAMES EDWARD 2,952,250
MURPHY, LEON 2,955,386
MURPHY, MICHAEL A., JR. 2,955,317
MUSIN, FREDERIC 2,955,237
MUSLEHIDDINOGLU, JALE 2,954,997
MUSTAPHA, RAMI 2,950,413
MYSLINSKI, NICHOLAS R. 2,955,229
NABORS INDUSTRIES, INC. 2,955,952
NADERSHAHI, AFSHIN 2,956,001
NAGRAVISION S.A. 2,953,443
NAGY, KEVIN D. 2,949,269
NAKAMURA, TAKUJU 2,955,399
NANOMEDIA SOLUTIONS INC. 2,949,589
NANOSCIENCE FOR LIFE GMBH & COKG 2,949,907
NANOSYS, INC. 2,955,176
NARAYANAN, VENKAT 2,955,216
NASH, JAMES WILSON 2,952,420
NASIATKA, JASON R. 2,948,788
NATARAJA, SELVARAJ G. 2,955,415
NATIONAL CENTER OF NEUROLOGY AND PSYCHIATRY 2,955,915
NATIONAL OILWELL DHT, L.P. 2,955,233
NAUDOT, LUDOVIC ANDRE JOEL 2,952,329
NAVE, BARBARA 2,955,900
NAVE, BARBARA 2,955,955
NAVIDEA BIOPHARMACEUTICALS INC. 2,955,438
NAVIDEA BIOPHARMACEUTICALS INC. 2,955,441
NDUAGU, EXPERIENCE I. 2,955,749
NEAFSEY, JEFFREY SCOTT 2,955,354
NEBIA INC. 2,955,807
NEGRI, ROBERT H. 2,951,941
NEHTER, PEDRO 2,951,182
NELSON, DEVIN M. 2,949,111
NELSON, JENNIFER ANN 2,955,238
NELSON, JENNIFER ANN 2,955,250
NESTEC S.A. 2,947,937
NESTEC S.A. 2,948,625
NESTEC S.A. 2,948,627
NESTEC S.A. 2,948,631
NESTEC S.A. 2,948,738
NESTEC S.A. 2,949,901
NESTEC S.A. 2,949,941
NESTEC S.A. 2,951,374
NESTEC S.A. 2,951,447
NEUHAUS, SVEN 2,948,733
NEUHAUS, SVEN 2,948,749
NEURESCUE APS 2,949,880
NEUVONEN, TUOMAS 2,953,585
NEWMAN TANCREDI, ADRIAN 2,946,829
NEWTERRA LTD. 2,941,846
NEXTER SYSTEMS 2,951,201
NFL ENTERPRISES LLC 2,955,181
NG, YUN TING SHERRILYN 2,948,625
NGUYEN, CHIEN DINH 2,949,682
NGUYEN, DUY 2,949,242
NGUYEN, JOSEPH 2,955,806
NGUYEN, MICHAEL 2,955,866
NGUYEN, PHILIP D. 2,955,691
NGUYEN-PHUC, KE-QUANG 2,956,015
NICHOLAS, DAVIN SCOTT 2,955,857
NICHOLS, MICHAEL R. 2,952,461
NICOVENTURES HOLDINGS LIMITED 2,949,434
NIEDERBERGER, ALFRED 2,949,060
NIEDERREITER, GERHARD 2,948,631
NIKANDER, MIKA 2,953,585
NIKIFOROV, SERGEI ARKADYEVICH 2,955,686
NILO, LUIS 2,954,876
NINGBO YINZHOU CITAI ELECTRONIC TECHNOLOGY CO., LTD 2,952,925
NIPPON STEEL & SUMIKIN STAINLESS STEEL CORPORATION 2,955,758
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,955,170
NISHIDA, SHUNSUKE 2,949,794
NISHIYAMA, KIYOTO 2,955,287
NISSAN MOTOR CO., LTD. 2,954,851
NISSAN MOTOR CO., LTD. 2,955,989
NIV, DROR 2,956,040
NIXON, SIMON 2,948,972
NOBEL BIOCARE SERVICES AG 2,955,556
NOBLE HOUSE GROUP PTY. LTD. 2,955,658
NOBLE HOUSE GROUP PTY. LTD. 2,955,662
NOKIA SOLUTIONS AND NETWORKS OY 2,955,043
NOLTE, MARC 2,950,988
NORBAR TORQUE TOOLS LTD 2,955,750
NORDYKE, JOHN 2,948,796
NORTH, SHANNON 2,955,200
NORTH, SHANNON 2,955,202
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,955,690
NORTHROP, P. SCOTT 2,950,129
NOTH, ANDRE 2,948,738
NOVA CHEMICALS CORPORATION 2,952,326
NOVARTIS AG 2,947,630
NOVARTIS AG 2,952,061
NOVARTIS AG 2,955,386
NOVELLUSDX LTD. 2,955,411
NOVELLUSDX LTD. 2,955,414
NOVOMATIC AG 2,952,729
NOWAKOWSKA, MARIA 2,955,406
NUCANA BIOMED LIMITED 2,945,938
NUMBER 8 TECHNOLOGY LIMITED 2,953,440

NUNN, ROB 2,955,365
NUNN, SCOTT 2,955,186
NWACHUKWU, CHISOMAGA UGOCHI 2,948,850
O'BRIEN, MATTHEW M. 2,955,969
O'BRYAN, KEITH 2,955,478
O'CONNELL, BRIAN DANIEL 2,955,746
O'MALLEY, MARK 2,949,416
OATLEY, JOHN MICHAEL 2,955,203
OBRESTAD, TORSTEIN 2,948,740
OBTESHKA, NICHOLAS C. 2,951,901
OBTESHKA, NICHOLAS C. 2,952,256
OCEAN TEAM GROUP A/S 2,955,068
OCV INTELLECTUAL CAPITAL, LLC 2,952,433
OCV INTELLECTUAL CAPITAL, LLC 2,952,434
OELFKE, RUSSELL H. 2,951,637
OGLE, JAMES WILLIAM 2,955,342
OHIO STATE INNOVATION FOUNDATION 2,955,438
OHIO STATE INNOVATION FOUNDATION 2,955,441
OHIO UNIVERSITY 2,955,582
OHL, CLAUS-DIETER 2,955,165
OHNO, SADAO 2,955,482
OHTA, HIROSHI 2,955,572
OJHA, SMITA 2,955,216
OKAMURA, KATSUMI 2,955,292
OKENKA, MIROSLAV 2,948,769
OLHARAN, PHILIPPE 2,952,329
OLIPHANT, ARNOLD 2,955,740
OLIVE, REMI PHILIPPE OSWALD 2,955,738
OLLILA, TARJA 2,950,350
OLSEN, CATHRYN ELLEN 2,949,193
OLSON, JONATHAN M. 2,955,956
OLSON, THOMAS G. 2,953,206
OLUND, DAVID 2,955,360
OLVERA-HERNANDEZ, ULISES 2,953,516
OMERIN, PIERRE 2,951,360
OMOHUNDRO, ZACHARY MEYER 2,955,969
ONCHIK, TATSUFUMI 2,955,287
ONG, MOI KIM 2,948,625
ONTARIO INSTITUTE FOR CANCER RESEARCH 2,955,141
ONTARIO INSTITUTE FOR CANCER RESEARCH 2,955,147
ONUMA, HIROTO 2,955,287
OOYAMA, YUSUKE 2,955,287
ORAC, CRINA M. 2,955,582
ORGANIK KIMYA SANAYI VE TIC. A.S. 2,951,740
ORION DIAGNOSTICA OY 2,951,183
ORUM THERAPEUTICS INC. 2,955,265
ORUM THERAPEUTICS INC. 2,955,272
OSAWA, KENGO 2,955,482
OSTMAN, ANDERS B. 2,955,805
OTA, MIHO 2,955,915
OTTEM, KARL FREDRIK 2,951,765
OUDIT, GAVIN 2,955,992
OUWEHAND, ARTHUR 2,949,269
OUWEHAND, ARTHUR 2,949,273
OUWEHAND, ARTHUR 2,949,276
OUWEHAND, ARTHUR 2,949,278
OUWEHAND, ARTHUR 2,949,289
OUWEHAND, ARTHUR 2,949,300
OVERCAST, ALLAN WARD 2,955,835
OWEN, BRANDON 2,955,936
OWEN, RICHARD 2,955,750
OWENS CORNING INTELLECTUAL CAPITAL, LLC 2,955,293
OWENS, JANE GRANVILLE 2,946,434
OXITEC LIMITED 2,950,851
OXOLIFE, S.L. 2,955,914
OYORI, HITOSHI 2,955,911
OZTURK, FILIZ 2,951,740
PAGLIARO, LEONARD 2,955,609
PAHALAWATTA, VIHANGA 2,955,771
PAHNKE, JAN 2,948,733
PAHNKE, JAN 2,948,749
PAILLARD, BRUNO 2,946,829
PALASHEWSKI, WADE DANIEL 2,955,365
PALAZUELOS, MIGUEL RAYMOND 2,950,263
PALKOVITS, REGINA 2,955,422
PALMER, STEPHEN S. 2,955,415
PALZER, STEFAN 2,948,631
PANG, LIYUN 2,955,427
PANGILINAN, DESIREE 2,955,960
PANTHER, MITCHELL S. 2,955,857
PAPAC, MICHAEL 2,947,630
PAPAGEORGIS, PHAEDON 2,955,729
PARENT, MARIE-OCEANE 2,951,003
PARFITT, DAVID EMLYN 2,954,895
PARIHAR, DWARKESH 2,955,191
PARISI-AMON, GABRIEL 2,955,807
PARK, CHRISTOPHER 2,955,816
PARK, KEUN YOUNG 2,953,502
PARK, MIN AH 2,951,015
PARK, TAE KYO 2,955,397
PARKER, JOHN LOUIS 2,955,966
PARKHILL, ROBERT 2,955,866
PARKLAND CENTER FOR CLINICAL INNOVATION 2,955,353
PARREIN, TIM 2,950,207
PARTZSCH, MILENA 2,949,901
PARUNAK, GENE P. 2,955,600
PASDA, GREGOR 2,955,900
PASDA, GREGOR 2,955,955
PASQUALI, IRENE 2,950,234
PATEL, HIMANSHU N. 2,955,242
PATEL, JAYENDRAKUMAR DASHARATHLAL 2,955,477
PATEL, MUKUND 2,955,186
PATEL, RAJEN M. 2,952,031
PATEL, SHWETABEN DASHARATHLAL 2,955,477
PATEL, SHWETAK N. 2,955,501
PATTERSON, ABBY RAE 2,943,816
PATTERSON, JARED WHITTIER 2,955,846
PATTERSON, LE'BRON K. 2,955,453
PATTON, DWIGHT EDWARD 2,953,464
PAUL WURTH S.A. 2,948,087
PAUL WURTH S.A. 2,950,674
PAULSEN, MARK R. 2,949,399
PAYNE, MARK S. 2,949,269
PAYNE, MARK S. 2,949,276
PAYNE, MARK S. 2,949,278
PAYNE, MARK S. 2,949,289
PAYZIEV, ABDULAZIZ 2,949,820
PAYZIEV, AKMAL 2,949,820
PE'ER, IDIT 2,955,417
PEDERSEN, HENRIK 2,951,325
PEDRETTI, MAURO 2,953,404
PELLAND, JON ALLEN 2,955,743
PELLATON, BERTRAND 2,949,597
PENG, SHAO-ZHENG 2,954,879
PENMETSA, PRAVEEN VARMA 2,955,969
PENNELL, ROGER I. 2,955,191
PENTELUTE, BRADLEY L. 2,955,232
PEQUENO, R. ERIC 2,951,113
PERBANDT, CHRISTIAN 2,949,728
PERBOST, MICHEL 2,955,356
PEREZ, FABIEN 2,951,994
PERFECT PRESSURE INC. 2,955,517
PERI-BAT 2,949,000
PERINI, RODOLFO F. 2,955,612
PERNI, ROBERT B. 2,950,727
PERNI, ROBERT B. 2,951,287
PERSON, MAGNUS 2,955,556
PERSON, TIMOTHY J. 2,952,426
PERSON, TIMOTHY J. 2,952,427
PETERSEN, THOMAS KARL 2,952,338
PETERSON, JANET 2,955,640
PETERSON, PETER 2,955,640
PETIT, ROBERT 2,955,366
PETIT, ROBERT 2,955,432
PETIT, ROBERT 2,955,612
PETROVIC, IGOR 2,955,693
PETTY, ALEXANDER ROBERTSON 2,955,168
PETURSSON, THORVALDUR LOGI 2,949,022
PETZEL, JAMES J. 2,955,256
PEYLA, PAUL J. 2,953,478
PFIZER INC. 2,948,764
PFUTZENREUTER, REBECCA 2,955,422
PHARMACEUTICAL MANUFACTURING RESEARCH SERVICES, INC. 2,955,229
PHARMACYCLICS LLC 2,955,744
PHARMACYCLICS LLC 2,955,747
PHEIFFER, JOACHIM 2,951,582
PHILIP MORRIS PRODUCTS S.A. 2,948,727
PHILIP MORRIS PRODUCTS S.A. 2,948,742
PHILIP MORRIS PRODUCTS S.A. 2,955,642
PHILIPPE, ERIC 2,951,339
PIAGGIO & C. S.P.A. 2,950,066
PIAGGIO & C. S.P.A. 2,950,249
PIBRIDGE LTD 2,953,404
PICCARDO, FRANCESCO 2,955,217

PIERCE, BRIAN 2,955,984
PIERRE FABRE DERMO-COSMETIQUE 2,948,937
PIERRE FABRE MEDICAMENT 2,946,829
PIERRE, MARJOLAINE MARIE-ANNE 2,955,738
PIETRZYK, JEREMY 2,951,108
PIMENTEL, MARK 2,955,666
PING IDENTITY CORPORATION 2,955,616
PIONEER HI-BRED INTERNATIONAL, INC. 2,951,164
PIONEER HI-BRED INTERNATIONAL, INC. 2,955,478
PIRAMAL ENTERPRISES LIMITED 2,955,919
PIRON, CAMERON 2,955,036
PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H. 2,952,280
PLEMONS, DONALD KEITH 2,955,814
PLEMONS, DONALD KEITH 2,955,818
PLEMONS, DONALD KEITH 2,955,829
PLESA, GABRIELA 2,955,386
POIGNY, STEPHANE 2,948,937
POIRIER, DONALD 2,955,753
POIRMEUR, XAVIER 2,951,201
POLARIS INDUSTRIES INC. 2,955,139
POLT, ROBIN L. 2,955,656
PONTIFICIA UNIVERSIDAD CATOLICA DE VALPARAISO 2,954,876
PORTET, DAVID 2,949,412
POSTLE, STEPHEN RODERICK 2,955,968
POTNIS, SHASHANK VISHWANATH S. 2,952,191
POWELL, ERIC W. 2,955,854
POWER, JAHN 2,955,940
PPG COATINGS (TIANJIN) CO., LTD. 2,955,863
PPG INDUSTRIES OHIO, INC. 2,951,693
PRANDONI, PAOLO 2,956,015
PRASAD, JAHNAVI CHANDRA 2,949,269
PRASAD, JAHNAVI CHANDRA 2,949,276
PRAT, JAIME 2,951,268
PRATT, BENJAMIN ANDREW 2,955,958
PREEMADONNA INC. 2,955,640
PREMARAJ, ASHISH 2,955,216
PRESCOTT, MARGARET FORNEY 2,952,061
PREUGSCHAT, FRANK 2,951,287
PRICE, DAVID 2,953,582
PRICE, MICHAEL WILLIAM 2,951,465
PRIVITERA, SALVATORE 2,955,816
PROCARV 2,954,137
PRONETH, BETTINA 2,955,059
PRUITT, MARTIN E. 2,949,065
PRUNERA-USACH, STEPHANE 2,949,194
PRUYNE, JULIE J. 2,955,256
PRYSMIAN S.P.A. 2,955,418
PSIMADAS, IOANNIS - MARIOS 2,955,728
PSIMADAS, IOANNIS MARIOS 2,955,731
PSP 2,951,108
PUGET SOUND BLOOD CENTER 2,955,596
PULKKI, VILLE 2,953,413
PULKKI, VILLE 2,953,421
PULKKI, VILLE 2,953,426
PULKKI, VILLE 2,953,427
PURDUE RESEARCH FOUNDATION 2,955,608
PURSCHKE, MARTIN 2,955,185
PYRC, KRZYSZTOF 2,955,406
QI, CHANGHE 2,955,415
QIU, JUNZHUAN 2,955,788
QUALCOMM INCORPORATED 2,952,420
QUALCOMM INCORPORATED 2,953,596
QUALCOMM INCORPORATED 2,953,604
QUALCOMM INCORPORATED 2,953,635
QUALCOMM INCORPORATED 2,953,711
QUIJADA, JORGE NICOLAS 2,946,684
QUIVIDI 2,956,015
RAD, HIRBOD 2,955,042
RADJABI, RYAN 2,955,242
RADLEY, REED 2,955,867
RAFAI FAR, ADEL 2,955,256
RAFF, HOWARD V. 2,955,252
RAGHAVAN, SRINIVASAN SUNDAR 2,952,877
RAGHAVAN, SRINIVASAN SUNDAR 2,952,882
RAI STRATEGIC HOLDINGS, INC. 2,949,516
RAJENDRAN, VIVEK 2,953,604
RAJENDRAN, VIVEK 2,953,635
RAKIB, SHLOMO SELIM 2,955,800
RAKIB, SHLOMO SELIM 2,955,827
RALCO NUTRITION, INC. 2,955,981
RALEIGH, EDWARD A. 2,949,290
RAMAIAH, RAGHU 2,955,789
RANDJELOVIC, ERLIN A. 2,951,160
RANGANATHAN, SATHISH KUMAR 2,955,812
RANGANATHAN, SATHISH KUMAR 2,955,839
RAO, SHRIDHAR J. 2,955,191
RARE EARTH SALTS SEPARATION AND REFINING, LLC 2,955,313
RASMUSSEN, JAN NORAGER 2,949,921
RATAJ, MIECZYSLAW 2,949,590
RATH, TIMOHY ANDREW 2,952,877
RATH, TIMOTHY ANDREW 2,952,882
RAYES, JULIE 2,951,150
RAYTHEON COMPANY 2,953,498
RAZO, OLIVIA JENNIFER 2,955,947
REAMER, DOUGLAS M. 2,955,256
REBIERE, CHRISTIAN 2,950,396
REDDAVIDE, FRANCESCO 2,955,087
REDEXIM HANDEL- EN EXPLOITATIE MAATSCHAPPIJ B.V. 2,949,302
REGENERON PHARMACEUTICALS, INC. 2,950,173
REGENERON PHARMACEUTICALS, INC. 2,955,618
REH, CHRISTOPH 2,948,631
REICHMANN, ERNST 2,954,989
REID, JOHN D. 2,955,774
REIHMAN, ELI 2,953,582
REILLY, MICHAEL 2,946,383
REILLY, PHILIP RAYMOND 2,955,481
REIN, RUDIGER 2,952,099
REKER HADRUP, SINE 2,951,325
REN, JINGLEI 2,955,098
REPAC, CEDOMIR 2,951,342
RESEARCH TRIANGLE INSTITUTE 2,955,548
RESSEL, HANS-JOACHIM 2,948,713
RETTIG, JURGEN 2,949,294
REY, CEDRIC 2,951,447
REYES, ENRIQUE ANTONIO 2,955,945
REYMOND, GEORGES-OLIVIER 2,955,368
REZAYEE, AFSHIN 2,955,454
RHEINISCH-WESTFALISCHE TECHNISCHE HOCHSCHULE (RWTH) AACHEN 2,955,422
RHODEN SMITH, AMY 2,955,238
RHODEN SMITH, AMY 2,955,250
RHODES, DAVID 2,955,784
RIBBIT ME! USA INC. 2,954,655
RIBERO, BERNARD 2,951,973
RICARD, JULIEN 2,953,751
RICH, DANNY 2,955,968
RICHARDS, JEREMY BOYD 2,955,457
RICHARDSON, CELESTE 2,955,386
RICHARDSON, JENNIFER HOPE 2,955,947
RICHAUD, JOHAN 2,951,607
RICHMOND, JOSHUA 2,955,036
RICHMOND, ROY 2,951,106
RIESSLAND, MARKUS 2,955,698
RIGATTI, ROBERTO 2,950,833
RIMER, DAVID 2,953,440
RITTER, GEBHARD 2,950,671
RIVAULT, JEAN-YVES 2,951,219
RIVERA HERNANDEZ, GEOVANNY 2,949,182
RIZZUTI, ETTORE 2,950,674
RKLAB AG 2,955,671
RKW HYPLAST N.V. 2,956,020
ROAM DATA INC 2,952,587
ROBERT, CHRISTOPHE 2,955,213
ROBERTS, AMBER 2,955,200
ROER, JOCHEN 2,955,695
ROESCH, BRIAN MICHAEL 2,949,273
ROGHANIAN, ALI 2,948,834
ROHDE, JOHN R. 2,955,774
ROHM AND HAAS COMPANY 2,955,995
ROLIG, ANNAH 2,948,848
ROLLINS, JAMES A. 2,955,146
ROLLQUETT PATENT AB 2,955,355
ROOF, MICHAEL B. 2,943,816
ROSE, BEN 2,955,202
ROSE, MARCUS 2,955,422

ROTHMAN, STEVEN CARY 2,949,273
ROTHMAN, STEVEN CARY 2,949,289
ROTOLE, JOHN A. 2,951,215
ROTSAERT, CHRISTOPHER 2,952,587
ROVI GUIDES, INC. 2,952,461
ROVI GUIDES, INC. 2,952,945
ROVI GUIDES, INC. 2,952,948
ROWSON, NEIL 2,948,948
ROY, DIDIER 2,948,845
ROY, SUMIT 2,955,338
RUCHELMAN, ALEXANDER 2,954,997
RUDNIK, IAN DOUGLAS 2,955,266
RUEBLING-JASS, KRISTIN 2,949,273
RUEBLING-JASS, KRISTIN 2,949,289
RUECKHEIM, MARKUS 2,951,588
RUELLA, MARCO 2,955,386
RUETZ, ROGER 2,951,064
RUFFO, MASSIMILIANO 2,951,763
RUITENBEEK, MATTHIJS 2,949,157
RUPERT, MICHAEL 2,955,478
RUPP, DAVID C. 2,947,006
RUST, KEITH O. 2,949,111
RUVANG, JOHN A. 2,955,419
RYSER, ANTOINE 2,949,901
S.P.M. FLOW CONTROL, INC. 2,955,673
S.P.M. FLOW CONTROL, INC. 2,955,814
S.P.M. FLOW CONTROL, INC. 2,955,818
S.P.M. FLOW CONTROL, INC. 2,955,829
S.P.M. FLOW CONTROL, INC. 2,955,993
SABIC GLOBAL TECHNOLOGIES B.V. 2,955,874
SABINE, VICTORIA 2,955,141
SABO, NICOLE 2,951,046
SADOVSKY, ART 2,955,216
SADYKOV, TIMUR 2,955,216
SAFETY BY DESIGN, INC. 2,955,774
SAFRAN AIRCRAFT ENGINES 2,949,597
SAFRAN AIRCRAFT ENGINES 2,949,818
SAFRAN AIRCRAFT ENGINES 2,950,263
SAFRAN AIRCRAFT ENGINES 2,951,003
SAFRAN AIRCRAFT ENGINES 2,951,014
SAFRAN AIRCRAFT ENGINES 2,951,196
SAFRAN AIRCRAFT ENGINES 2,951,574
SAFRAN AIRCRAFT ENGINES 2,955,738
SAFRAN AIRCRAFT ENGINES 2,955,739
SAFRAN ELECTRONICS & DEFENSE SAS 2,954,908
SAFRAN ELECTRONICS & DEFENSE SAS 2,955,368
SAFRAN HELICOPTER ENGINES 2,952,329
SAFRAN LANDING SYSTEMS 2,951,574
SAFRAN NACELLES 2,949,746
SAFRAN TRANSMISSION SYSTEMS 2,949,194
SAFRAOUI, GEORGES 2,955,809
SAGERT, JASON GARY 2,955,947
SAIKA, MASAYUKI 2,954,857
SAINT MARTIN, CLAUDE 2,951,973
SAITO, TOSHIHIKO 2,955,588
SALET, LISA K. 2,955,317
SALK INSTITUTE FOR BIOLOGICAL STUDIES 2,942,403
SALTAS, EFTHYMIOS 2,955,729
SALUDA MEDICAL PTY LTD 2,955,966
SAMPRONI, JENNIFER A. 2,955,198
SAMUELSON, EMILY 2,955,598
SANCHEZ, MIGUEL 2,951,973
SANDVIK INTELLECTUAL PROPERTY AB 2,949,590
SANKER, LOWELL ALAN 2,946,383
SANOFI 2,952,902
SANOFI PASTEUR VAXDESIGN CORPORATION 2,955,866
SANTEN PHARMACEUTICAL CO., LTD. 2,955,862
SANTOS CASTRO, VERA P. 2,949,157
SAPPA, ENRICO 2,948,766
SARKAR, SANDIP 2,953,604
SARKAR, SANDIP 2,953,635
SATO, MASASHI 2,954,851
SAUDI BASIC INDUSTRIES COPORATION 2,955,874
SAVATSKY, BRUCE J. 2,951,113
SAVIGNAT, BENOIT 2,951,486
SAVIOZ, GREGORY 2,948,738
SAWANT, VITTHAL ABASO 2,955,839
SAYAOVONG, SONG 2,955,743
SC "ATOMENERGOMASH" 2,955,686
SCA HYGIENE PRODUCTS AB 2,949,290
SCANDURRA, JOHN 2,950,933
SCHAARMANN, DIRK 2,951,324
SCHANDL, GEROLD 2,948,733
SCHANDL, GEROLD 2,948,749
SCHEFFER, AXEL 2,950,825
SCHENTAG, JEROME 2,955,425
SCHICK, JOEL 2,955,059
SCHILLING, PETER 2,952,431
SCHILLING, STEFAN 2,952,431
SCHIMD, MARKUS 2,955,955
SCHIRLE, ANTON 2,949,169
SCHLAGE LOCK COMPANY LLC 2,955,354
SCHLAGE LOCK COMPANY LLC 2,955,679
SCHLAGE LOCK COMPANY LLC 2,955,759
SCHLEGEL, GUNTER 2,948,713
SCHLESINGER, LARRY 2,955,438
SCHLESINGER, LARRY 2,955,441
SCHLIWA-BERTLING, PAUL 2,953,294
SCHLUMBERGER CANADA LIMITED 2,952,238
SCHMID, MARKUS 2,955,900
SCHMIDT, CHRISTIAN 2,955,388
SCHMIDT, MARK S. 2,953,422
SCHMIT, LOUIS 2,948,087
SCHNEIDER, ANTHONY TODD 2,955,979
SCHNEIDER, KARL-HEINRICH 2,955,955
SCHNORR, JAN MARKUS 2,955,168
SCHORKHUBER, JAKOB 2,948,542
SCHUESSLER, DAVID J. 2,949,231
SCHULTZ, ROGER 2,954,884
SCHULZ, CASEY KUTE 2,955,640
SCHURIG, MICHAEL 2,946,684
SCHURING, ROELOF WILLEM 2,951,777
SCHUSTER, ANNETTE 2,951,177
SCHWARTZ, JUSTIN M. 2,951,029
SCHWARTZ, ROBERT 2,955,988
SCHWEIGHOFER, KARL 2,955,744
SCUMPIA, PHILIP 2,955,357
SEAKR ENGINEERING, INC. 2,952,646
SEARS, STEPHEN BENSON 2,949,516
SEBIRE, BENOIST PIERRE 2,955,043
SECHE, EDOUARD 2,948,845
SEENISAMY, JEYAPRAKASHNARAYANAN 2,948,888
SEGAL, ERAN 2,955,161
SEGERS, MARIKEN 2,955,877
SEGURA, TATIANA 2,955,357
SELA, GAI 2,955,036
SELECT COMFORT CORPORATION 2,955,365
SELVI, SEDAT 2,949,743
SEMAR, MARTIN 2,951,177
SEMYONOVYKH, ALEKSANDR SERGEEVICH 2,955,686
SENNHENN, PETER 2,955,059
SENULES, JEFFREY S. 2,955,400
SERPI, MICHAELA 2,945,938
SESHADRI, KANNAN 2,955,453
SETLUR, ANANT ACHYUT 2,951,410
SETLUR, ANANT ACHYUT 2,951,717
SETLUR, ANANT ACHYUT 2,952,250
SEVERIN, THOMAS 2,952,061
SHAH, ANAND 2,955,353
SHAH, EKTA 2,952,191
SHAH, SANDIP 2,952,948
SHAI, OFER 2,955,457
SHAMIR, HANAN 2,955,305
SHANAHAN, SUSAN 2,950,833
SHANI, URI 2,955,161
SHAO, LIJIAN 2,955,972
SHARKNINJA OPERATING LLC 2,951,357
SHARMA, NEERAJ 2,955,453
SHARMA, RAJIV 2,955,919
SHCHUTSKY, SERGEI YURYEVICH 2,955,686
SHEN, XINPU 2,955,920
SHEU, ERIC 2,948,852
SHI, GENBAO 2,955,444
SHI, ZENGQIAN 2,955,248
SHIBATA, TSUYOSHI 2,955,572
SHIEH, DAR-BIN 2,955,498
SHIMADA, SHU 2,955,390
SHIMIZU, GARY 2,947,006
SHIN, SEUNG MIN 2,955,265
SHIN, SEUNG MIN 2,955,272
SHIRAKURA, TAKASHI 2,955,577
SHODA, TAKUMA 2,949,794
SHU, CASSANDRA 2,955,747
SHUCHITA, MEHRA 2,952,945
SICARD, JOSSELIN LUC FLORENT 2,949,597
SICKING, DEAN 2,955,819
SICKING, DEAN L. 2,955,774
SICPA HOLDING SA 2,950,671

SIDHU, SACHIDEV S. 2,955,039
SIEGERS, CONRAD 2,955,907
SIEMENS AKTIENGESELLSCHAFT 2,952,396
SIEMENS AKTIENGESELLSCHAFT 2,955,217
SIEMENS HEALTHCARE DIAGNOSTICS INC. 2,955,198
SIESER, JANICE ETHEL 2,948,764
SIGNAL PHARMACEUTICALS, LLC 2,954,997
SIGNODE INDUSTRIAL GROUP LLC 2,948,788
SILET, BENOIT GUILLAUME 2,949,597
SILNY, JOHN F. 2,953,498
SIME, DAVID A. 2,955,928
SIMMS, GRAHAM JOHN 2,952,063
SIMON, GREGORY 2,954,655
SIMON, SEBASTIAN 2,950,980
SIMON, SEBASTIAN 2,951,605
SIMPLIVITY CORPORATION 2,953,206
SIMPSON, DENNIS A. 2,951,693
SIMPSON, JOHN B. 2,955,242
SINGER, ROBERT ALAN 2,948,764
SINGH, DIPTI 2,955,342
SINGH, RESHMA 2,955,386
SIREN, ANNA-LEENA 2,950,988
SIRIPURAPU, SRINIVAS 2,955,812
SIRIPURAPU, SRINIVAS 2,955,839
SISAY, MIHIRET TEKESTE 2,955,900
SISAY, MIHIRET TEKESTE 2,955,955
SISTA, SRINIVAS PRASAD 2,951,410
SISTA, SRINIVAS PRASAD 2,951,717
SISTA, SRINIVAS PRASAD 2,952,250
SIVA, VAIDYANATHA 2,955,353
SIVASUBRAMANIAN, SWAMINATHAN 2,952,877
SIVASUBRAMANIAN, SWAMINATHAN 2,952,882
SKOGLUND, JOEL S. 2,955,806
SKOOG, JAN 2,949,577
SKRIPALLE, JUERGEN HEINZ-FRIEDRICH 2,955,165
SKULASON, EGILL 2,951,377
SKUSE, DAVID ROBERT 2,948,948
SKUSE, THOMAS RICHARD 2,948,948
SLICHTER, SHERRILL J. 2,955,596
SLOAN, DONALD D. 2,955,683
SLOTS, SJORS 2,955,874
SLUSARCZYK, MAGDALENA 2,945,938
SMEE, JOHN EDWARD 2,953,596
SMINK, JEFFREY S. 2,955,443
SMITH, ALEX 2,951,029
SMITH, ALYSSA LYNN 2,955,945
SMITH, CAMERON KENNETH 2,955,979
SMITH, CHAD STEVEN 2,955,846
SMITH, JACK B. 2,952,256
SMITH, MALCOLM R. 2,955,454
SMITH, ROBERT LEE 2,951,465
SMITHS MEDICAL ASD, INC. 2,955,783
SMITHS MEDICAL ASD, INC. 2,955,794
SNIDER, PHILLP M. 2,955,146
SNOECK, VEERLE 2,948,945
SNOVER, DAVID A. 2,956,003
SO, ALLAN K. 2,955,854
SOCIETAL INNOVATIONS IPCO LIMITED 2,953,297
SODELAND, MARTE 2,951,500
SOFTBANK ROBOTICS EUROPE 2,950,979
SOFTBANK ROBOTICS EUROPE 2,951,060
SOFTBANK ROBOTICS EUROPE 2,951,087
SOKOLOVE, CHRISTOPHER BRIAN 2,955,266
SONAR, SANDIP SATISH 2,955,742
SONG, HO YOUNG 2,955,397
SONG, YUANJIE 2,955,863
SONNENBERG, NEVILLE 2,952,063
SONY CORPORATION 2,955,340
SONY CORPORATION 2,955,486
SOOMA LTD 2,953,585
SOREMARTEC S.A. 2,948,766
SORIAGA, JOSEPH BINAMIRA 2,953,596
SOROKO, JASON AURELE 2,953,144
SOUBRANE, CHRISTINA 2,952,902
SOUCHET, LUCAS 2,950,979
SOUCHET, LUCAS 2,951,060
SPENCE, DAN KENRICK 2,952,661
SPERLING, JOHN W. 2,951,135
SPIES, ALEXANDER 2,952,396
SPOKOYNY, ALEXANDER M. 2,955,232
SPONSEL, MARK 2,955,186
SPRINGER, CASEY E. 2,955,187
SPRINT COMMUNICATIONS COMPANY L.P. 2,953,464
SQUARE, INC. 2,955,454
SREEKRISHNA, KOTI TATACHAR 2,946,383
SRINIVASAN, SRIDHAR 2,955,343
ST. AMOUR, BRION GREGORY 2,955,759
ST. JAMES, AARON 2,951,941
ST. JAMES, BERNIE 2,951,941
ST. JAMES, ELLIOT 2,951,941
STAGG, DAVID 2,955,215
STANDIFIRD, WILLIAM B. 2,955,920
STANDLEY, DOUGLAS A. 2,953,297
STANKOVIC, DEJAN 2,952,846
STARMANS, MAUD H.W. 2,955,141
STARSE ENERGY AND TECHNOLOGY (GROUP) CO., LTD. 2,879,251
STEELE, DAVID J. 2,955,787
STEFANOVIC, NEMANJA 2,955,795
STEFANOVIC, NEMANJA 2,955,797
STEFF, ANN-MURIEL 2,951,430
STEFFENS, JORN PETER 2,949,756
STEFFENS, RALF 2,951,067
STEINER, RONALD 2,952,280
STELZER, NORBERT MATTHIAS 2,948,887
STENSTRUP, MARTIN MOSE 2,955,068
STEWART, JEFFREY GRANT 2,953,582
STEWART, NOEL 2,955,933
STOCKHAUS, JORG 2,954,076
STOKES, BRENT 2,955,980
STOLK, MAARTEN 2,955,341
STOLTZ, BRIAN M. 2,955,546
STONEAGE, INC. 2,954,885
STONEAGE, INC. 2,955,049
STOWE, CALVIN J. 2,955,076
STRAUB, JOCHEN 2,952,396
STREMPLE, SCOTT 2,955,929
STREMPLE, SCOTT 2,955,935
STRUMENTI, FRANCESCO 2,948,982
STYLIARAS, VASILEIOS 2,955,407
SUBASINGHA, SUBASINGHA SHAMINDA 2,953,604
SUBASINGHA, SUBASINGHA SHAMINDA 2,953,635
SUBRAMANIAM, ARUN 2,952,902
SUE, JIINJEN ALBERT 2,955,233
SUK, JUNG SOO 2,948,844
SULLIVAN, RICHARD J. 2,952,191
SULYA, ANDREW 2,955,773
SUMITOMO ELECTRIC HARDMETAL CORP. 2,955,292
SUMITOMO ELECTRIC INDUSTRIES, LTD. 2,955,292
SUMITOMO HEAVY INDUSTRIES, LTD. 2,954,857
SUMITRO, TIRSA 2,955,591
SUMMERS, DAVID A. 2,951,389
SUN CHEMICAL CORPORATION 2,955,968
SUN, ZIYONG 2,955,788
SUNDBERG, MARTEN 2,953,294
SUNFIRE GMBH 2,951,324
SUPERIOR INDUSTRIES INTERNATIONAL, INC. 2,956,012
SUPHIOGLU, CENK 2,955,871
SURF LAKES HOLDINGS LTD 2,955,334
SURFACTIS TECHNOLOGIES 2,949,412
SUWANNAKHAM, SUPAPORN 2,949,269
SVEDBERG, JONAS 2,955,765
SWAGER, TIMOTHY MANNING 2,955,168
SWARUP, SHANTI 2,951,693
SWENNEN, IVES 2,950,207
SYMBOL TECHNOLOGIES, LLC 2,955,358
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,955,036
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,955,088
SYNTHETIC BIOLOGICS, INC. 2,955,666
SYNTHETIC GENOMICS, INC. 2,955,188
SZCZEPANKIEWICZ, BRUCE 2,950,727
SZCZEPANKIEWICZ, BRUCE 2,951,287
SZCZUBIALKA, KRZYSZTOF 2,955,406
SZE, DAVID PUI KEUNG 2,955,979
TABUSE, HIDEAKI 2,955,572
TACHENY, THIERRY 2,950,998
TACHI-S CO., LTD. 2,955,902
TAISHO PHARMACEUTICAL CO., LTD. 2,955,572
TAIT LABORATORIES INC. 2,955,336
TAIT, ANDREW 2,955,336
TAKAGI SHUN 2,955,902
TAKAHASHI, YOSHIMASA 2,955,577

TAKEUCHI, KOSAKU 2,955,913
TALEB, ABDELHAFED 2,949,412
TALREJA, MANISH 2,952,426
TALREJA, MANISH 2,952,427
TALUSKIE, KAREN V. 2,949,516
TAM, KAM CHIU 2,955,248
TAMPIERI, VALERIO 2,950,234
TAMURA, YUUICHI 2,955,758
TANAKA, KENTARO 2,955,913
TANAKA, MASATOSHI 2,955,650
TANG, DONGDONG 2,954,872
TANG, JUNTAO 2,955,248
TANG, NING 2,955,771
TANGIBLE SCIENCE, LLC 2,955,012
TANIHIRA YUKI 2,955,480
TAO, LEIMING 2,955,998
TAO, MATTHEW 2,955,859
TAPIE, THIERRY 2,952,710
TARCIC, GABI 2,955,411
TARCIC, GABI 2,955,414
TARDIFF, DALE 2,955,622
TATARA, DIANNE 2,955,200
TAVAKOLI, ARASH 2,951,455
TAY, PEARL SHWE-CHO 2,955,747
TAYLOR, CURTIS 2,949,941
TAZBAZ, ERROL MARK 2,955,371
TECHNISCHE UNIVERSITAT DRESDEN 2,951,772
TECHNISCHE UNIVERSITAT DRESDEN 2,955,087
TEIGE, INGRID 2,948,834
TEIJIN PHARMA LIMITED 2,955,485
TEIJIN PHARMA LIMITED 2,955,577
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,955,765
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,953,294
TELL, ELIYAHU 2,955,305
TELLMANN, KILIAN 2,948,713
TELUGU, BHANU PRAKASH 2,955,203
TEMPEST, PAUL 2,955,415
TENG, KANG 2,955,636
TERABEE S.A.S. 2,951,763
TERFLOTH, CHRISTIAN 2,955,388
TERRY, KEITH ALLAN 2,955,746
TESCO CORPORATION 2,952,104
THALES 2,955,213
THANOS, DANIEL 2,955,457
THARMALINGAM, THARMALA 2,951,046
THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA 2,955,656
THE AUSTRALIAN NATIONAL UNIVERSITY 2,956,016
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,955,205
THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE 2,955,287
THE COCA-COLA COMPANY 2,955,933
THE FOOD SCIENCE INSTITUTE FOUNDATION 2,955,915
THE GENERAL HOSPITAL CORPORATION 2,955,185
THE GILLETTE COMPANY LLC 2,952,063
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 2,955,039
THE GOVERNORS OF THE UNIVERSITY OF ALBERTA 2,955,992
THE JOHNS HOPKINS UNIVERSITY 2,948,844
THE JOHNS HOPKINS UNIVERSITY 2,955,177
THE LUBRIZOL CORPORATION 2,951,854
THE LUBRIZOL CORPORATION 2,952,066
THE MEDICINES COMPANY 2,955,256
THE PROCTER & GAMBLE COMPANY 2,946,383
THE PROCTER & GAMBLE COMPANY 2,948,850
THE PROCTER & GAMBLE COMPANY 2,948,887
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,955,357
THE ROCKEFELLER UNIVERSITY 2,955,917
THE SCRIPPS RESEARCH INSTITUTE 2,954,653
THE SCRIPPS RESEARCH INSTITUTE 2,955,136
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,955,386
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE 2,955,932
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,951,045
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,955,432
THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH 2,955,203
THE UNIVERSITY OF NOTRE DAME DU LAC 2,955,984
THERRIEN, JASON EDWARD 2,955,785
THIEBAUD, SYLVAIN 2,952,710
THIEMANN, FRANK 2,951,605
THIJSSEN, STEPHAN 2,949,692
THOMAS, PREM MANI 2,950,113
THOMAS, THOMAS NADACKAL 2,950,113
THOMAS, WINDSOR PIPES, III 2,951,465
THOMPSON, DAVID 2,955,907
THOMPSON, EDWIN R. 2,955,229
THOMPSON, ERIC R. 2,955,229
THOMSEN, JENS PEDER HOG 2,955,068
THOMSON LICENSING 2,952,710
THOMSON LICENSING 2,953,751
THORNE, JASON 2,951,357
THOUVEREZ, FABRICE HUGUES JEAN PIERRE 2,951,003
THRU TUBING SOLUTIONS, INC. 2,954,884
THULE SWEDEN AB 2,951,167
THURAILINGAM, THIVAHARAN 2,955,514
THYSSENKRUPP AG 2,949,728
THYSSENKRUPP AG 2,951,182
THYSSENKRUPP INDUSTRIAL SOLUTIONS AG 2,949,728
THYSSENKRUPP MARINE SYSTEMS GMBH 2,951,182
TIAN, BINGZHOU 2,879,251
TISSOT, SARAH 2,949,746
TOAPANTA, MARCO 2,955,478
TOCKERT, PAUL 2,950,674
TOCOPHERX, INC. 2,955,415
TOLEDO-SHERMAN, LETICIA 2,955,379
TOMIYAMA TAKASHI 2,955,766
TOMPKINS, MORGAN 2,955,266
TOPNIR SYSTEMS SAS 2,951,973
TORAY INDUSTRIES, INC. 2,955,913
TORBET, PHILIP ALAN 2,955,517
TORNBLOM, OLLE 2,949,577
TOROSIS, MICHELE 2,955,605
TOROSIS, MICHELE 2,955,939
TORRE, PASQUALE 2,951,773
TOSHIBA INTERNATIONAL CORPORATION 2,955,347
TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION 2,955,650
TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION 2,955,766
TOTH, LANDY 2,955,988
TOURNOUD, ISABELLE 2,955,213
TOUSSAINT, FABRICE 2,952,106
TOUSSAINT, JEAN-FRANCOIS 2,951,430
TOUTOV, ANTON 2,955,546
TOWNES, ALEXANDER 2,955,353
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,955,171
TRACER TECHNOLOGY SYSTEMS INC. 2,955,835
TRAN, DENISE 2,951,245
TRANSOFT SOLUTIONS INC. 2,955,667
TRAPPIER, NICOLAS 2,951,014
TREFFER, DOUGLAS RAY 2,949,065

TRESSE INDUSTRIE 2,951,360
TREURNIET, MARC 2,955,478
TREVIS, AARON JAMES 2,955,334
TRICOYA TECHNOLOGIES LTD 2,948,717
TROFIMUK, TERRANCE 2,955,834
TSAI, PEI-JANE 2,955,498
TSAI, STANLEY 2,955,718
TSURUDOME, YUKARI 2,955,287
TTSB S.R.L. 2,951,773
TUBBS, ALISA 2,955,156
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TANG, YANG	2,954,509
TAO, ZHI-FU	2,951,295
TAZAWA, FUMIO	2,955,475
TERLIUC, GAD	2,955,328
THIEMANN, BJOERN	2,955,772
THIEMANN, BJOERN	2,955,777
THOMA, MICHAEL	2,953,523
THOMSON, JAMES	2,954,948
TOMPKIN, WAYNE ROBERT	2,955,574
TOTANI CORPORATION	2,934,315
TOTANI, MIKIO	2,934,315
TRUDELL MEDICAL INTERNATIONAL	2,950,761
UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION	2,954,889
UNIVERSITY OF OTTAWA	2,955,058
UNKNOWN	2,955,889
WABASH NATIONAL, L.P.	2,953,523
WANG, XILU	2,951,295
WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,955,772
WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,955,777
WIEDECKE, MICHAEL	2,955,772
WIEDECKE, MICHAEL	2,955,777
YAMADA, YUSUKE	2,955,475
YANCEY, JAMES	2,954,339
YOON, DAE JUNG	2,954,509
ZHANG, DONALD	2,953,076
ZHANG, DONALD	2,953,081
ZOBI, GIANLUCA	2,955,707